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"IF IT'S SEEDS WE HAVE THEM"

THE PIONEER SEED STORE

JACOB KAUFMANN CO.
1410 FIRST AVE.
SEATTLE, WASH.



D. N. Shoemaker

To Our Friends and Customers

In submitting to you our Annual Catalog nothing has given us more pleasure in the past year than the growing reports we are receiving from friends of our Seeds, Bulbs, Plants, etc. Also our Pet Stock of which we are the pioneers in the Northwest. Having installed recleaning devices for all of our seeds we are in position to serve our patrons better than ever.

Yours for a prosperous year

JACOB KAUFMANN CO.

How and When to Order

NAME AND ADDRESS—Be sure to sign your name and address on every order. We often receive orders without name or address, and it is impossible to always trace them. If you do not receive your order in a reasonable time, notify us by sending a duplicate, stating the amount inclosed. We aim to forward all orders same or next day after receipt.

Remittance should be made by Post Office money order, bank draft or express order. If sent in any other way it is at sender's risk. We accept postage stamps if proper care is taken to prevent adhesion.

C. O. D. PARCELS can be sent only to money order offices.

MARKET GARDENERS AND RETAILERS should ask us for special prices which will be gladly furnished.

Prices are postpaid to the 4th zone on seeds in packets, ounces, $\frac{1}{4}$ -lb. and 10-lb. prices. We do not pay postal charges on anything except seeds.

Domestic Parcel Post Rates

On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., Within the United States.

	For First Pound Allow	For Each Additional Pound Add	Wgt limit, Lbs.
Local—Seattle, Wash.	\$.07	\$.00 $\frac{1}{2}$	70
First Zone—within 50 miles of Seattle, Wash.	.07	.01	70
Second Zone—within 50 to 150 miles of Seattle, Wash.	.07	.01	70
Third Zone—within 150 to 300 miles of Seattle, Wash.	.08	.02	70
Fourth Zone—within 300 to 600 miles of Seattle, Wash.	.09	.04	50
Fifth Zone—within 600 to 1,000 miles of Seattle, Wash.	.10	.06	50
Sixth Zone—within 1,000 to 1,400 miles of Seattle	.11	.08	50
Seventh Zone—within 1,400 to 1,800 miles of Seattle	.13	.10	50
Eighth Zone—all over 1,800 miles of Seattle, Wash.	.14	.12	50

FOR PARCELS WEIGHING 8 OUNCES OR LESS containing seeds, bulbs or books only, the rate of postage to all zones is 1 cent for two ounces or fraction. (Over 8 ounces the parcel post rates apply.)

FOR PARCELS CONTAINING FOURTH-CLASS MATTER—Other than the above up to four ounces is permitted to all zones at 1 cent per ounce. (Over 4 ounces the above zone rates apply.)

Non-Warranty

Success with seeds, bulbs and plants depends as much upon the proper planting, soil, water, weather and other conditions as upon the seed.

We exercise every care in the selection of the seeds we offer. We will not knowingly send out anything but seed of the highest quality and germination, but as a protection against conditions over which we have no control, all sales of seeds, bulbs, plants, trees, etc., are made subject to the following non-warranty:

Jacob Kaufmann Company gives no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of seeds, bulbs, plants or trees they send out, and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

VEGETABLE SEEDS

ARTICHOKE

1 oz. to 500 plants

Green Globe—Are cultivated for their flower heads. Pkt., 10c; oz., \$1.00.

Jerusalem Tubers—Grown for stock feed. 10c lb.; 50 lbs., 6c lb. Postage extra.

ASPARAGUS (Postpaid)

1 oz. to 500 plants; 1 lb. per acre

Conover's Colossal—The standard variety. Pkt., 5c; oz., 20c; lb., \$1.25.

Palmetto—Early, prolific, bright green. Pkt., 5c; oz., 20c; lb., \$1.25.

WASHINGTON—THE NEW RUST-RESISTING ASPARAGUS. The new pedigreed rust-resistant variety was bred up by the United States Bureau of Plant Industry. Washington and Palmetto Asparagus planted this spring, side by side, we find the Washington has made double the growth over the Palmetto. Pkt., 10c; 1 oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.00

Asparagus Plants—Page 16.

BEANS (Postpaid)

Pkt., 10c; $\frac{1}{2}$ lb., 20c; lb., 35c; 10 lbs., \$3.00

1 lb. to 100 ft. drill

Culture—After all danger of frost is over, plant in drills 2 feet apart and 3 inches apart in the drills, 2 inches deep. Hoe often to keep down the weeds.

DWARF GREEN PODDED

Burpee's Stringless—One of the best green-podded varieties, pods round, tender, brittle and stringless.

Burpee's Fordhook Bush Lima—Is a favorite with the majority of truckers, and for the home garden we could not recommend anything better. Pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 65c.

Early Six Weeks—A long, green-podded variety; plants strong and vigorous, a good sort.

Red Valentine—Round, meaty pods; very early and practically stringless.

Black Valentine—Same as Red Valentine. Seed black.

Refugee or 1000 to 1—Vines large and spreading; very prolific; a late sort, excellent for canning.

Horticultural Cranberry—Used as a green snap or shell bean, a standard sort.

Broad Windsor—(English Horse Bean)—Makes a good green shell bean, very hardy, will withstand considerable frost.

DWARF WAX

Black Wax—Pods fairly long, brittle and stringless; clear yellowish white.

Davis White Wax—Rustless and immensely productive. Very hardy and one of the best for market gardeners. The dry beans are kidney shaped, clear white, and a favorite for baking and canning.

Detroit Wax—Excelling in some respects to any other wax variety. Pods flat, good length and very broad.

Flagelot Wax—Flat pods of large size, stringless, very meaty and fine flavor.

Golden Wax—Pods long, nearly straight, broad and flat, and golden yellow; improved strain.

Pencil Pod Black Wax—Plant grows about 15 inches high, very productive, straight pods about 7 inches long, light golden yellow color; round, meaty and brittle.

Wardwell's Kidney Wax—A strong growing vine, long, flat, and purely waxy pods, brittle and stringless; later than the Golden Wax; seed kidney shaped.

BEANS**POLE OR RUNNING GREEN AND WAX PODDED**

Pkt., 10c; 1 lb., 35c; 10 lbs., \$3.00.

1 lb. to 100 hills

Kentucky Wonder—A prolific variety, producing long, tender pods of excellent flavor; one of the best green podded beans for the family garden.

Kentucky Wonder Wax—A yellow podded Kentucky Wonder.

London Horticultural Cranberry Pole Bean—Used as a green or shell bean; of good quality; a standard pole sort.

Large White Lima—A vigorous grower, bearing large pods from 5 to 8 inches.

Scarlet Runner—Vines and flowers, brilliant scarlet pea-like blossoms; a good shell bean. Pkt., 10c; 1/2 lb., 25c; 1 lb., 40c.

Lazy Wife—Produces long, thick, meaty and stringless pods in clusters, easily gathered; an excellent green podded variety.

BEETS (Postpaid)

Pkt., 5c; oz., 15c; lb., \$1.00.

1 oz. to 100 ft., 6 lbs. per acre

Culture—Beets require a rich, sandy loam. Sow in drills one foot to 15 inches apart and when well started, thin to 4 to 6 inches. The seed will sprout better if soaked in lukewarm water 10 to 12 hours before planting.

Crimson Globe—Handsome, early or main crop variety, medium size, globe shape, skin smooth, flesh blood red, slightly zoned, never stringy.

Crosby's Egyptian—More globe shaped than the Early Egyptian; very early and of fine quality; a desirable variety for the market gardener.

Detroit Blood Turnip—An improved strain of the Early Blood Turnip Beet; remarkably uniform and smooth; fine grained and tender.

Early Egyptian—Round, flat shape, dark red color. A good table variety.

Early Blood Turnip—An old standard variety; color dark red.

Eclipse Blood Turnip—An improved early kind, having a small top and taproot. The flesh is bright and dark red, tender and sweet. It attains a good size without becoming woody, and is a good keeper.

Half Long Blood—One of the best for winter use; never becomes woody.

SWISS CHARD (Postpaid)

Pkt., 5c; oz., 15c; 1/4 lb., 50c; 1 lb., \$1.75.

Sow one ounce to 100 ft. of drill

Swiss Chard, New Savoy Leaved—(Lucullus)—An improved variety of Swiss Chard, growing about 2 1/2 feet high; the heavy stalks are over an inch thick and bare for more than a foot of their length. The leaves make the finest of greens.

MANGEL WURZEL AND SUGAR BEETS (Postpaid)

Pkt., 5c; oz., 10c; 1/4 lb., 20c; 1 lb., 50c; 10 lbs., \$4.50

Culture—Same as Beets

Danish Sludstrup—Sludstrup is considered the best of all fall mangels. In color it is reddish-yellow and of a distinct type. It contains the largest per cent of nutriment found in any sort. It is very hardy, grows well above ground and is easily pulled.

Golden Tankard—The best yellow-fleshed mangel in cultivation. It contains a larger percentage of sugar than the red mangels. It has a small tap-root and grows largely above ground; yields enormously.

Giant Yellow Intermediate or Gate Post—Roots very large, growing over half out of the ground; flesh firm and white, sweet and tender; an enormous cropper; small tap roots; flesh firm and fine.

Giant Feeding Sugar—This magnificent Sugar Beet, while giving nearly as large a yield of easily grown and harvested roots as a crop of Mangels, supplies a food of very much higher nutritive value, the roots for feeding purposes being really more valuable, pound for pound, than those of the very best strains of Sugar Beet, and the yield under equally favorable conditions being more than double.

Lane's Imperial Sugar—An excellent variety and one of the best for stock feeding.

Mammoth Long Red—A large variety, producing immense crops. It grows much above ground and is easy to harvest. The flesh is white, shaded with red. Requires deep, loose soil.

Yellow Globe—Immense size, fine shape, grained; well adapted to shallow soils.

BROCCOLI (Postpaid)

Culture—Plant the seeds in hotbeds during March and April for an early crop. Transplant in June, in rows 3 to 4 feet apart and the plants about 2 feet apart in the row. For a late crop sow in beds, covering seed about $\frac{1}{2}$ inch deep. A rich soil is the element of success.

Columbia White—No other Broccoli can supply the place of our Columbia White for autumn and winter use. The well-formed heads are large, white, firm in texture and mature early, to succeed the summer and early autumn Cauliflower, making solid heads frequently weighing 5 pounds, and 10 to 12 inches in diameter. Pkt., 10c; oz., 40c.

St. Valentine—Is so nearly related to late Cauliflower that the varieties are often listed under the same head. The St. Valentine is a grand new strain of recent introduction; sure header of immense size. This is the variety handled by the gardeners in our city markets. Pkt., 10c; $\frac{1}{4}$ lb., \$5.00; lb., \$18.00.

BRUSSELS SPROUTS (Postpaid)

Culture—Same as Cabbage

Improved Dwarf—The dwarfest and earliest of all varieties. Sprouts solid and excellent flavor. Those who prefer small sprouts will greatly appreciate the Improved Dwarf. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.15.

CABBAGE (Postpaid)

1 oz. to 2000 plants

Culture—The soil should be a rich, heavy loam, with good drainage, for the best results. For early varieties sow the seed in hotbeds during the winter months and when large enough transplant about 18 inches apart each way. Late varieties can be sown in the open ground during the spring months, transplanting about 2 feet apart each way.

Jersey Wakefield—One of the best early varieties; heads solid pyramid shape, with few outside leaves; very hardy and will stand considerable frost. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Early Winningstadt—One of the hardiest of the early varieties; heads decidedly pointed; resists cold, wet and pests to a degree which makes it very desirable. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Washington Wakefield—Fully as early as the Jersey Wakefield and nearly double the size; a sure header and desirable variety. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Copenhagen Market—A new early variety, which will be very popular with market gardeners. It is the finest large, round-headed early cabbage in cultivation. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.40.

Premium Flat Dutch—One of the best varieties for the winter market; large, round, flat heads, solid and firm, of good quality. Pkt., 5c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Red Dutch—A good variety for pickling; heads round and large. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.50.

Danish Ball Head or Hollander—This is one of the hardiest cabbages in cultivation and endures both frost and drought that would destroy other varieties. Plants rather long stemmed but compact; leaves very smooth but thick; of medium size; round and very solid; the hardiest heading cabbage we know of and the very best quality. Matures quite late, keeps well and is considered by many the best cabbage to hold over for spring markets. Tall or short stem. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.50; 1 lb., \$4.00.

Drumhead Savoy—Improved strain; the best Savoy; large heads, tender and sweet; can be grown for either spring or winter use. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.25.

Cabbage Plants—See page 16.

Pe-Tsai (Chinese or Celery Cabbage)—As a salad it rivals the finest lettuce, or cooked like cabbage or spinach it makes the finest greens. Pkt., 5c; oz., 30c.

CARROTS (Postpaid)

1 oz. to 125 ft. drill

Culture—Sow early varieties as soon as the ground can be worked; late varieties from May to August. The soil should be of a light, sandy loam, well fertilized and deeply dug; sow in drills about 1 foot to 15 inches apart and thin to 5 to 7 inches, according to variety.

Early French Forcing—Very early, small and good flavor; fine for bunching. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.25.

Early Scarlet Horn—Short thick roots, flesh fine grained, color deep orange; an excellent table sort. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.25.

Chantenay—Half long stump-rooted, uniform and perfect in shape; tender and sweet; a good table sort. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Danvers Half Long—One of the most generally used carrots, either for the table or stock feeding; a heavy bearer of fine texture, being sweet and tender; color a light orange. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

New York—(Stump Rooted)—Tops of medium size; roots cylindrical, smooth, bright orange; flesh orange, becoming yellow in center, but with no distinct core. Of the finest quality and one of the most symmetrical and handsome of the medium-sized sorts; excellent for the market or home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.50.

Improved Long Orange—The best of the long varieties; color orange-scarlet; a heavy cropper, mostly used for milch cows; makes a good table carrot; requires a deep soil. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Oxheart or Guerande—The best cropper of the short carrots, either 4 to 5 inches long and 3 to 4 inches thick at the shoulder, slightly tapering, very stump-rooted; the best variety for heavy soils; color, rich orange red. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

Large White Belgium—Very productive; a good white stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25.

CAULIFLOWER (Postpaid)

1 oz. to 3000 plants

A vegetable requiring very rich soil, constant culture, plenty of moisture and careful attention. For early use, sow in hotbeds in January or February and when plants are large enough, transplant; for later use, sow in June and treat as late cabbage. Set plants out 15 to 18 inches apart and in rows 3 feet apart.

Danish Giant, Dry Weather—Is an early, large, solid white Cauliflower than can successfully withstand a drought that would prove fatal to other varieties and will thrive splendidly in dry sections, being peculiarly adapted to their growing conditions, but, like all Cauliflower, must have rich soil and cultivation to give best results. Can also be grown under moist conditions and is a dependable market variety. Pkt., 20c; oz., \$3.00.

Early Dwarf Erfurt—Extra early, forming good, solid, white heads. Pkt., 15c; oz., \$2.50.

Henderson's Snowball—The best and most popular early variety; will make uniformly fine heads, even under adverse conditions. Pkt., 20c; oz., \$3.00.

Large Algiers—Large, fine heads, fine for fall use. Pkt., 15c; oz., \$1.50.

Autumn Giant—A large, late variety; very hardy heads; well protected by the foliage, keeping it fit for use a long time. Pkt., 10c; oz., \$1.75.

Cauliflower Plants—Page 16.

CHIVES OR SCHNITTLAUCH (Postpaid)

Chives—Has a mild flavor of young onions and is used in soups and salads. Pkt., 10c; oz., 25c.

CORN SALAD OR FETICUS (Postpaid)

Culture—Sow during August or early September, in drills one-fourth of an inch deep and 6 inches apart. If the weather is dry when the seed is sown, tread it lightly to insure germination. Keep weeds down with hoe. Just before winter cover thinly with straw or leaves.

Large Seeded—Leaves tender and grows rapidly after being cut. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

CELERY (Postpaid)Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

1 oz. to 5000 plants

Culture—Plant in light rich soil, about March; cover the seed about $\frac{1}{4}$ inch, and firmly press; when 3 inches high, transplant to get good stalky plants, before they are finally set in the garden or field. Celery requires plenty of water from the time the seed is sown until ready for use. To get the best results, they should be grown on swampy or wet lands. To succeed with celery you must keep your plants growing constantly while young; if you allow them to "stand still" they will run to seed later. Always cultivate as soon after watering as the ground is dry enough to work well. Fertilize heavily in the spring and use nitrate later if needed.

White Plume (Self-blanching)—A handsome, crisp sort, of easy cultivation. Naturally its stalks and portions of its inner leaves and heart are white. The earliest Celery known.

Golden Self-Blanching—The most popular variety for early market use; tender, brittle and sweet; inner stems and leaves a golden-yellow when matured; requires very little banking.

Giant Pascal—One of the best for fall and winter use; the stalks are large, solid, crisp, and of a rich nutty flavor.

Winter Queen—One of the best varieties for winter and spring use. It is stouter, thicker and heavier, with double the amount of heart of any other Celery; compact growth and blanches to a beautiful cream white; solid, crisp and nutty flavor.

Celery Plants—Page 16.

CELERIAC OR TURNIP ROOTED CELERY (Postpaid)

Large Prague—Forms good thick roots; used in soups and stews; has a Celery flavor. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 70c.

CHERVIL (Postpaid)

Curled—Very finely curled, resembling parsley; used in soups and salads. Pkt., 5c; oz., 20c.

CHICORY (Postpaid)

Large Rooted—Used as a substitute for Coffee, and the young blanched shoots are used for salad. Pkt., 5c; oz., 35c.

Whitloof—Known in restaurants as French Endive; treat as Endive, except that late in summer or fall it should be gradually banked up like Celery. The stalks, when blanched, make a delicious salad. It is used by the French as a boiled vegetable. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.35.

COLLARDS (Postpaid)

1 oz. to 2000 plants

A species of Cabbage, bearing a large mass of leaves on top of a stout stalk.

True Georgia—The well-known variety; forms a very large, loose head; leaves tinted with purple. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

CRESS (Postpaid)

1 oz. to 150 ft. drill

Curled or Peppergrass—The leaves are used as a salad; has a warm, pungent taste; they should be sown at intervals of two weeks; as they are the best when young. Pkt., 5c; oz., 50c.

True Water—Thrives only when the roots and stems are submerged in water. Sow the seed thinly along the banks of any shallow stream early in the spring. Entirely distinct from the Curled Cress. Pkt., 5c; oz., 50c.

CORN—SWEET OR SUGAR (Postpaid)Pkt., 10c; $\frac{1}{2}$ lb., 20c; lb., 30c.

1 lb. to 200 hills

Culture—Plant in hills, five or six kernels to the hill, 30 inches apart for dwarf varieties and 36 inches for tall varieties in well pulverized soil. Keep well cultivated as plants grow; draw soil toward them.

Peep O'Day—For flavor, sweetness and productiveness it is ahead of any other early white sweet corn. It will prove a money maker for the market gardener, a valuable addition to our list of corn for our short Western summers.

Early Minnesota—Very early of dwarf habit, producing ears of fair size of choice quality.

Golden Bantam—A very early variety; ears medium size, thickly set with delicious yellow kernels; quality the best; it has become a favorite with all who have tried it. 1 lb., 30c.

Stowell's Evergreen—The most popular of the main crop varieties; large ears, with twelve to sixteen rows, which keep in good condition for boiling a long time.

Golden Giant—This new valuable Sweet Corn with golden-yellow grains, is a cross between the Golden Bantam and Howling Mob, combining the earliness of the Golden Bantam, and size of Howling Mob, usually carrying two 12 to 14 rowed ears on the cob, of exceptionally rich and delicious Sweet Corn.

Washburn—An old-timer; rejuvenated variety. The earliest large 14-rowed white corn grown in the Northwest. The flavor and sweetness have not been excelled and the extreme whiteness of the large ears makes it very beautiful and valuable for canning. It is large and the stalks produce more ears than any other variety and have a very heavy husk over the grains, protecting them from insects and keeping the ear fresh a long time after cutting. Pkt., 10c; 1 lb., 40c.

FIELD, FODDER AND ENSILAGE VARIETIES (Postage extra)

Lb., 10c; 10 lbs., 85c. Prices per 100 lbs. on request.

12 to 20 lbs. per acre

Minnesota No. 13 Yellow Dent—The earliest of the early Yellow Dent corns and reported to be the heaviest yielding, producing splendid large ears, closely filled from end to end with bright yellow kernels. Has rather a thick cob and the shelled grains have a tendency to irregularity. "Minnesota No. 13" will average 7 feet high and being a rapid, vigorous grower, with heavy foliage, makes a fine fodder corn, and is especially recommended for ensilage west of the mountains. Will mature in ninety days under favorable conditions.

Early Yellow Canada—A flint variety, eight-rowed, very early and productive.

Leaming Improved—An early variety. Planted over a greater area than any other.

Pride of the North—An early Dent variety. The kernels are long and of a beautiful color. A quick grower, thriving where the seasons are short.

Red-Cob Ensilage—Abundant herbage; tall growth.

Northwestern Dent—This is a red corn with yellow dent or cap, and in high altitudes and the northern sections, where seasons are short, will often mature a crop when other varieties fail. Splendid for silage.

CUCUMBERS (Postpaid)**Pkt., 5c; oz., 20c; 1/4 lb., 60c.****1 oz. to 50 hills**

An early crop of Cucumbers can be had each year by planting the seeds in a box, pots or a piece of sod so that they can be readily transplanted without checking the growth. For outside planting the ground should be prepared and put in good condition, and the seed should be planted when the ground gets somewhat warm, and about an inch deep, and in hills slightly raised above the level of the ground, about 4 feet each way. We also recommend planting 3 or 4 times as much as needed, and then thin out to 3 or 4 strong plants to each hill, as the insects attack which are the weakest; give thorough cultivation and fruit should be gathered and not allowed to ripen on the vine, as this reduces production. The cucumbers are ready for use in about 2 months after planting.

Improved White Spine—A dark green variety, turning white when ripe; fruit straight and of even shape, tender and crisp; fine for forcing.

Boston Pickling—A distinct variety; color bright green, and a good producer; makes excellent pickles.

Davis Perfect—Unequaled for color, shape and productiveness. Mr. Eugene Davis, the originator, also the originator of Grand Rapids Lettuce and Davis White Wax Bean, says: "I have been experimenting for several years and have at last succeeded in fixing a perfect type, combining quality, shape and color and productiveness. The quality is fine, very tender and brittle and with very few seeds; altogether an exceptionally fine table variety."

Lemon Cucumber—This dainty little cucumber resembles a lemon, both in form and color, having a distinctive flavor superior to and not found in any other cucumber. The Lemon Cucumber is so prolific that a single vine will be ample for the needs of the average family. It is also said that the Lemon Cucumber can be eaten without fear of the harmful results that some experience from eating cucumbers. **Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50.**

Early Frame—Plants vigorous and productive; fruit straight, bright green, tender and crisp; makes excellent pickles.

Early Green Cluster—Vines vigorous, producing the bulk of the crop in clusters; fruit short and uniformly thick, and ends crisp and of good flavor.

Extra Early Long Green—Similar to the Long Green, but about two weeks earlier. **Japanese Climbing**—Forms long fruit of rich dark green color; flesh white crisp, and of fine flavor; the best variety for training to trellis.

West Indian Gherkins—An extremely small-fruited variety used extensively for pickles. **Pkt., 5c; oz., 20c; 1/4 lb., 60c.**

EGG PLANT (Postpaid)

Culture—Egg Plants require a warm soil and climate, and will not give satisfaction where cool nights prevail; they require the same treatment as Tomatoes; as the seed is slow to germinate, they should be started under glass with moderate high temperature.

New York Improved—The leading variety; fruit large, oval and fine flavor. **Pkt., 5c; oz., 50c.**

Black Pekin—Fruit nearly round; skin smooth and almost black. **Pkt., 5c; oz., 50c**

ENDIVE (Postpaid)**Pkt., 5c; oz., 15c; 1/4 lb., 40c.****1 oz. to 100 ft. of drill**

This is a hardy vegetable, cultivated principally for a winter salad. Sow from May until August for a succession of crop; tie the leaves closely together to blanch them.

Green Curled—Very curly; a favorite sort for winter; plants attractive.

White Curled—Leaves pale green; grows to a large size; always crisp and tender.

Broad-Leaved Batavian—A variety having wide, thick leaves, straight at the edges and curved toward the center; color dull green.

KALE OR BORECOLE (Postpaid)Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

1 oz. to 200 ft. drill

Culture—Cultivate the same as for cabbage, of which it is a species, forming a mass of curly leaves. Seed can be sown in September and be ready for use in winter; very hardy and improved by frost.

Dwarf Green Curled—Leaves bright green, curly and tender.

Thousand Headed—See Field Seeds, page —.

Tall Green Scotch—Grows about $2\frac{1}{2}$ feet high; leaves dark green; very hardy; will stand the winter.

Jersey Winter Kale or Marrow Cabbage, White.

KOHL-RABI (Postpaid)Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

1 oz. to 150 ft. drill

An excellent vegetable for any garden, and used more extensively each year; forms a bulb above the ground, which should be cut while young, as it becomes tough and stringy if allowed to remain too long. Sow as soon as the ground can be worked, in drills 18 inches apart; thin to 8 inches.

Early White Vienna—Standard market sort; flesh white and tender.

Early Purple Vienna—Bluish-purple, similar to the white except in color.

LEEK (Postpaid)

1 oz. to 100 ft. drill

Cultivate the same as for Onions, except they should be hilled up to blanch. Is preferred by many for soups and stews on account of its mild flavor.

American Flag—A large, strong-growing variety, of good flavor; the standard market sort. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

LETTUCE (Postpaid)Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

1 oz. to 100 ft. drill

Culture—Sow as soon as the ground is in condition, at intervals of two weeks during the season, in drills 15 inches apart; drop seed about $\frac{1}{2}$ inch deep; when large enough thin to 8 to 10 inches. Lettuce does well in most any good garden soil.

Black Seeded Simpson—Has a large mass of fine, brittle leaves of slight green color; it is larger and less curled than the Early Simpson; remains tender a long time.

Big Boston—A light green cabbage variety, slightly tinged with brown in the head. A popular market sort.

California Cream Butter—Forms large head, which is very buttery and of a rich golden-yellow inside; bright green variety and a good shipping sort.

Early Curled Simpson—An early variety of dwarf, compact habit, crisp, golden and finely curled leaves.

Grand Rapids—One of the best for forcing; its light green color makes it very attractive.

Improved Hanson—One of the best large-heading varieties; crisp and brittle; leaves curl and flavor excellent.

New York—This is the mammoth head lettuce so popular in Washington, from whence it is shipped to the Eastern market, arriving in splendid condition. The immense heads are solid, heavy, beautifully blanched to a creamy white, with bright green outer leaves. The quality is unsurpassed, being tender, crisp and sweet. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; 1 lb., \$3.00.

Prize-Head—One of the best loose bunching varieties. Leaves tinged with red; grows quickly.

Paris Cos or Romaine—A distinct variety forming upright heads.

Chicken Lettuce—This variety of lettuce should not be confused with the regular heading or loose-leaved varieties. The plant grows very much like kale, to a height of four or five feet, with much growth of leaf. It is used mostly for chicken and rabbit feeding. It absolutely does not head; seldom used for table purposes. The wonderful leaf growth makes it ideal green food for chickens, etc. Pkt., 5c; oz., 20c; lb., \$1.50.

MELONS—MUSK (Postpaid)

1 oz. to 60 hills

Melons require a light, rich, sandy soil and should not be planted until all danger of frost is over. Plant in hills 8 feet apart and 1 inch deep, 6 to 8 to a hill, and when plants are well established thin to 3 plants.

Emerald Gem—This is a variety of excellent quality; it is of medium size. The skin is white ribbed, perfectly smooth and of deep emerald green color, and ripens to the green rind.

Burrell's Gem—Skin dark green, flesh orange salmon; sweet and firm, ripening close to the skin. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.25.

Honey Dew—Small, oval fruit with light colored rind. The light green, tender flesh has a most delicate flavor. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.00.

Rocky Ford, or Netted Gem—Fruit oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Osage, or Miller's Cream—Medium size, green oval slightly ribbed. Flesh salmon. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

MELONS—WATER (Postpaid)

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

1 oz. to 30 hills

Peerless—Rind thin light mottled green; flesh red and solid to the core; a good early variety.

Keckley's Sweet—A splendid sort for home use or near markets. Vine vigorous and productive; fruit of medium size; color dark, mottled green in two shades, forming indistinct stripes. Flesh a beautiful bright rich red.

Citron—(Red or Green Seeded)—Round and handsome; for preserving only.

MUSTARD (Postpaid)

The leaves make excellent greens of sharp, pungent flavor, and are cooked the same as Spinach. Sow the seed in early spring in drills at intervals to secure a constant supply of fresh greens.

White English—A light green variety with tender leaves, seeds light yellow. Pkt., 5c; oz., 15c.

Giant Southern Curled—A large variety, forming a large mass of finely curled leaves. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c.

ONIONS (Postpaid)

Culture—For the best results in Onion growing, the soil should be deep and rich; bottom land, rather loose texture being preferred. Sow 2½ or 3 lbs. per acre, as early in the season as the ground can be put into proper condition, using some good fertilizer or manure supplemented with Bone Meal, Muriate of Potash, and in some cases Nitrate of Soda, the latter often being used after the plants are up.

Red Wethersfield—A large, red variety of superior keeping qualities, deep purplish red, slightly flattened. Pkt., 5c; oz., 30c; lb., \$3.00.

Yellow Globe Danvers—A good, hard, firm flesh variety; fine grained, almost globe shape, with small neck; a good keeping and shipping onion. Pkt., 5c; oz., 30c; lb., \$3.25.

White Globe—A handsome white globe-shaped variety; flesh fine, very white, rich and sweet. Pkt., 5c; oz., 40c; lb., \$4.50.

Australian Brown—An extra early, sure bottoming variety; resembles the Danvers in size and form; very solid; of brown color; fine keeper. Pkt., 5c; oz., 30c; lb., \$3.00.

Yellow Flat Danvers—An old standard variety; color bright orange-yellow; very hardy and a sure cropper. Pkt., 5c; oz., 30c; lb., \$3.50.

White Portugal—The most popular of the onions; flat on the bottom and thick toward the top; used most exclusively for bunching. Pkt., 5c; oz., 40c; lb., \$4.00.

Ailsa Craig—The largest and heaviest cropping yellow onion. Pkt., 10c; oz., 30c; lb., \$3.50.

White Queen—A very early, small white onion, of mild flavor; fine for pickling. Pkt., 5c; oz., 40c; lb., \$4.00.

Prizetaker—A large globe variety, of mild flavor, with light yellow skin and white flesh. Pkt., 5c; oz., 35c; lb., \$3.50.

ONION SETS (Postage extra)

1 lb. to 40 ft. drill

White Onion Sets, lb.....	25c	Egyptian Sets, lb.....	25c
Yellow Onion Sets, lb.....	25c	Shallots, lb.	25c

OKRA (Postpaid)

White Velvet—Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 15c; lb., 75c.

PARSNIPS (Postpaid)

Pkt., 5c; oz., 20c; lb., \$2.00.

1 oz. to 100 ft. drill

Parsnips thrive best on a rich, sandy soil, deeply dug; sow early in the spring in drills 18 inches apart; as they are improved by frost they should be left in the ground for spring use.

Hollow Crown—Roots white and tender with a smooth, clean skin.

Sweet Marrow—Roots smooth and very fine grained, sweet and tender; the best for the family garden.

PARSLEY (Postpaid)

Pkt., 5c; oz., 15c; 1/4 lb., 50c; 1 lb., \$1.25

Used for garnishing in green state; can be dried and rubbed into a powder for winter use. Sow in drills one foot apart and half an inch deep. Seed slow to germinate; should be soaked in tepid water a few hours before planting.

Double Curled—Very finely curled, of dark green color; fine seasoning.

Triple Curled—A popular dwarf variety; finely curled.

Moss Curled—A moss curled variety of green color and very ornamental; the best for garnishing.

Turnip Rooted—The roots are the edible portion, and are used in soups and stews.

SEED POTATOES

Do not work the soil when it is wet, as this has a tendency to make it lump and bake and may put it in such shape that nothing can thrive in it. Wait until it is just dry enough to crumble away nicely when turned over, and if you will press the dirt firmly down on the seeds, getting right in the row and tramping the soil down with your feet, they will germinate quickly even in comparatively dry soil. An extra work in carefully preparing the soil will more than repay you in the increased results, and always remember that constant and thorough cultivation is almost equal to water and fertilizer both, and will insure a good crop even in a dry season, and on ordinary soil.

Early Ohio—Oblong shape, pink skin, shallow eyes; can be marketed before fully matured.

Early Bovée—Best of the early sorts, maturing before Early Rose, and more productive. Fine quality, color pinkish and uniform size.

Early Rose—A popular early variety which gives satisfaction in most all sections.

American Wonder—An early, pure white, handsome appearance, splendid quality and very productive.

Irish Cobbler—A large potato and a heavy yielder. Tubers round and slightly flattened; flesh white and cooks dry and mealy. It is very popular in this section, both for early and late planting. The vines are vigorous and make a healthy growth.

Gold Coin—A good main crop variety, slightly oblong; the eyes are small, skin thin, flesh fine grained, and cooks dry and mealy.

Burbank—A well-known and fine late variety, oblong in shape, skin white and very smooth, flesh fine grained.

Netted Gem—Russet rough skin, oblong in shape; excellent for baking.

Owing to the unsettled market on Potatoes we have omitted prices. Drop us a postal—we will quote the market prices.

PEAS (Postpaid)

Pkt., 10c; $\frac{1}{2}$ lb., 20c; lb., 35c.

1 lb. to 50 ft. drill

A light, dry soil is best for peas, although they succeed in most any ground. On too rich soil they have a tendency to run to vines. Plant dwarf varieties in drills 2 feet apart and tall sorts 3 feet apart, cover about 3 inches. Hoeing will well repay the time and trouble. Wrinkled sorts are marked with a star (*).

Alaska—Pods well filled with medium-sized bluish-green peas, of excellent flavor; extra early. Pkt., 10c; lb., 25c.

Little Marvel*—The vines average 15 inches in height, are heavily set with fine pods; produce in pairs; average $2\frac{1}{2}$ inches in length. Peas are of best quality.

American Wonder*—The best dwarf wrinkled variety for all purposes; prolific, bearing short, well-filled pods, containing 6 to 7 large, exceedingly sweet, tender and fine flavored peas.

Dwarf Gradus*—An excellent dwarf variety, early; about 2 feet high; a wrinkled pea; pod about 4 inches; pods well filled.

Thos. Laxton*—This is a very early wrinkled variety of great merit; the vines are vigorous, of medium height similar to those of Gradus but darker in color, harder and more productive. The pods are large, often four inches long.

Laxtonian*—A new, early, dwarf, robust, large-podded pea of superior excellence; often referred to as "Dwarf Gradus," and is said to surpass Gradus in yield and quality, with the added advantage of dwarfer growth, averaging 16 inches. The large pods are well filled, holding 8 to 10 peas. Laxtonian is so highly recommended that you should give it a trial.

Gradus or Prosperity*—The best of the large early peas; very hardy; can be planted almost as early as the smooth varieties; pods are large and well filled with fine dark green, wrinkled peas of the finest quality; vine of medium height, but very stocky, with very broad light green leaves and bearing an abundance of large, handsome pods. Four feet high.

Dwarf Telephone*—The vines are vigorous, of a branching habit and bear immense quantities of large, dark green pods, containing from 8 to 10 fine flavored peas; a favorite with the market gardeners; 2 feet high.

Teddy Roosevelt*—Resembles the Telephone in color of pod and foliage and habit of growth, but the pods are large and shell out nearly twice as many peas; 5 feet high.

Alderman*—This is a fine, high-bred pea, of rich green color; pods 5 to 6 inches long; the best for canning. Height 5 feet.

Telephone, Tall*—A great favorite with our market gardeners. Immensely productive, of the finest quality and excellent, sugary flavor; vines strong; the pods are of large size, filled with large luscious peas; height 5 feet.

Tall Gray Edible Pod—Vines grow 4 feet high, with purplish blossoms; the pods are edible and cooked like beans. Pkt., 15c; lb., 30c.

Mammoth Melting Sugar—This is the best known edible-podded pea. The vines reach a height of 6 to 7 feet. The whole pod is fleshy and tender. The pods should be gathered when the seeds are filling inside of the pod. Pkt., 15c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c.

PEPPER (Postpaid)

Pkt., 5c; oz., 60c.

1 oz. to 1500 plants

Sow seeds in hotbeds, and when the weather becomes warm plant in warm, mellow soil, in rows 18 inches apart and 12 inches apart in the rows.

Large Bell or Bull Nose—A large, mild, thick-fleshed variety, the best for making stuffed pickles.

Ruby King—A large scarlet fruit of mild flavor. Vigorous growing plants, producing from 8 to 16 handsome fruit.

Pimento Pepper—This is a sweet pepper, one that you will enjoy eating in salad, either fresh or canned. Very thick flesh, wonderfully mild flavor.

Red Chili—A very pungent variety. Grows about 2 inches long, measuring from one-third to one-half inch at the base and tapering down to a point.

Cayenne—Pods small, long and tapering; coral red when ripe; very hot and strong; best kind for seasoning pickles; the Cayenne Pepper of commerce.

PUMPKIN (Postpaid)

1 oz. to 30 hills

Pumpkins take the same treatment and soil as the melons. Care should be taken to keep them from other vining plants, as they hybridize easily.

Sugar or Pie—A small round yellow variety, flattened on the ends; flesh fine grained, sweet and prolific. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

Large Cheese—Grows to large size, flat and round, skin mottled light green and yellow; flesh very thick, sweet and nutritious. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

Connecticut Field—A large orange-colored field variety, vines vigorous and productive; makes excellent pies and is a good keeper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

RADISH (Postpaid)Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

1 oz. to 100 ft. drill

Sow early in the spring in rows 10 inches apart, and at intervals of ten days for a succession. The winter varieties sow in August and September. The soil should be light and rich, as a crisp radish cannot be produced in heavy soils.

Early Scarlet Turnip—A small turnip shaped variety, valuable for forcing or outdoor culture; short tops.

Early Scarlet Turnip, White Tipped—The leading market sort, tender and crisp; scarlet with white tip; short tops.

Early White Turnip—Mild and sweet, small tops, pure white.

French Breakfast—Grows about 2 inches long with a decided stump root; color bright scarlet with lower end and tap root white, tender and crisp.

Long Brightest Scarlet—Long, uniformly straight, smooth, crisp and tender; excellent for the garden or market.

Half Long Scarlet White Tipped—An especially fine radish, color scarlet, shading to white at the tip; flesh very crisp and tender; a good market sort.

White Icicle—The finest pure white long variety; very early, with smooth symmetrically shaped roots. The radish is not only crisp and tender when young, but reaches a large size.

White Vienna (Lady Finger)—Pure white, long, tender, sweet and crisp; a rapid grower.

Round Black Spanish—Slightly oval in shape, flesh solid and firm. A good winter sort for slicing.

China Rose Winter—A half-long, bright scarlet, stump-rooted winter variety; flesh firm and crisp and does not grow pithy until it runs to seed.

California White Mammoth (Celestial)—A well-known and popular winter variety, flesh and skin transparent white.

RHUBARB (Postpaid)

Pkt., 5c; oz., 15c; lb., \$1.75

Rhubarb requires a rich soil, deeply dug. Sow in drills 18 inches apart and thin to 3 feet in the rows. We recommend planting the roots, as it takes four years to produce a crop from the seed.

Victoria Giant—Very large, later than the Linnaeus.

Rhubarb Roots—See page 16.

SALSIFY

1 oz. to 100 ft. drill

Sow early in drills 12 inches apart, 1 inch deep, in a light, rich, sandy soil; when about 3 inches high, thin to 6 inches apart. Takes the same cultivation as Carrots. Mashed and fried, the flavor is much like the oyster.

Mammoth Sandwich Island—The leading variety; large, smooth, straight and of superior quality. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.00, postpaid.

SQUASH (Postpaid)

Pkt., 5c; oz., 15c; 1/4 lb., 40c.

1 oz. to 25 hills

Culture—Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, the running kinds from 6 to 9 feet apart.

Early White Scalloped Bush—A very early variety, bearing creamy-white scalloped squashes, 4 to 6 inches in diameter, known as the patty-pan.

Early Yellow Scalloped Bush—Similar to the white, except that the color is yellow and not quite so early.

Mammoth Summer Crookneck—A large golden-yellow variety, thickly warted; tender and brittle.

Delicious—A dark green variety, with thick orange-colored flesh, cooking very dry and mealy; can be used in the fall, but is at its best in the winter.

Delicata—Can be used as a summer or winter variety. Matures about the same time as the summer sort. The quality is rich and dry, being very solid and heavy, with small cavity and fine flavor. Color, orange-yellow splashed with striped dark green.

Italian Vegetable Marrow (Cocozella)—The vines are of bush-habit and produce large, much elongated fruits, dark green at first but as they mature become marbled with yellow and lighter green stripe. The fruits are in best condition for table when 6 to 8 inches long, but can be used somewhat larger.

True Hubbard—Fruit oblong and pointed, heavily warted, dark green with orange colored flesh which is exceedingly dry, either baked or boiled; remarkably good keeper.

Golden Hubbard—Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden yellow.

Boston Marrow—Skin thin, reddish-brown, flesh orange and fine grained, and of excellent quality.

Fordhook—A most desirable running variety, both for summer and winter use; vigorous, wonderfully productive vines. The fruits are oblong, measuring 8 to 10 inches in length; smooth, light yellow thin skin. The flesh a pleasing straw yellow.

Vegetable Marrow—The true English strain; cream color, merging into deep yellow white flesh; about 9 inches long.

SPINACH (Postpaid)

Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 60c.

1 oz. to 75 ft. drill

Sow early in drills one foot apart; plant every two weeks for a succession. For fall and winter use sow in August and September. The richer the soil the larger and more tender the leaves.

Long Standing—A deep green variety, with rather elongated smooth leaves; stands a long time without running to seed.

Prickly or Winter—Very hardy, smooth and narrow shaped; seeds prickly; an excellent fall and winter variety.

Round Thick-Leaved—Leaves large, dark green, rather smooth and round at the top.

New Zealand—Best for hot weather. Pkt., 5c; oz., 15c.

King of Denmark—Also Known as "Antvorskoy"—This new variety undoubtedly the most valuable introduction of Spinach in recent years. Although the plants are ready for use almost as soon as the medium sorts, they remain in good condition from one to two weeks after other sorts have gone to seed. The plants are of rapid growth, resembling the long season in type but leaves are more crumpled or blistered and are of a deeper green color. The leaves are thick, stand well after cutting and are of the finest quality. We believe this variety will in a few years be the leading sort, as its distinctive qualities are sure to win favor for it for the home and market gardener. You are requested to give it a trial this season. Pkt., 5c; oz., 15c; 4 oz., 35c; lb., 80c.

TOMATO (Postpaid)

Pkt., 5c; oz., 35c; 1/4 lb., \$1.25.

1 oz. to 2000 plants

Sow in hot beds in March, and as soon as the plants have two or three leaves transplant to cold frames. When all danger of frost is over, plant in hills 4 feet apart each way.

Atlantic Prize—An extra early smooth tomato of good size; solid flesh; color bright red; popular in the vicinity of Seattle.

"Burbank" Tomato—The originator describes it as the earliest, smoothest, most productive and best early tomato; color bright crimson; thick, smooth and firm, with few seeds. Unusually heavy and of the finest quality. Keeps well; a good shipper; a prolific, continuous bearer; has the unusual and remarkable feature of being easily peeled, the skin slipping readily from the rich, firm flesh. Resistant to wilt and other diseases. Pkt., 10c; oz., 65c; 1/4 lb., \$2.00.

Comet—Forcing—The very best forcing variety, and a general favorite with greenhouse growers. Color is a beautiful scarlet; fruits are of good size, very smooth and uniform.

Dwarf Champion—A dwarf and compact variety, sometimes called the tree tomato, on account of its ability to stand alone without trellising; very early and smooth, solid meat; has no hard core.

John Baer—A wonderful new variety in that it is early and bears continuously throughout the season. The fruit is large, smooth, uniform and will ripen clear to the stem. The flavor and quality are especially fine. Color bright scarlet.

Ponderosa—The largest tomato; fruits are solid and of a purplish red color, sweet and of good quality.

Spark's Earliana—A perfect early tomato, almost seedless and very solid; a vigorous grower and very prolific; ripens thoroughly all over; color bright scarlet; one of the best varieties for this section.

SALAD AND ORNAMENTAL VARIETIES

Red Peach—A small variety resembling a red peach; very ornamental. Pkt., 5c; oz., 50c.

Red Cherry—Fruit small and globe shape, color bright scarlet and very ornamental; valuable for preserving. Pkt., 5c; oz., 50c.

Yellow Plum—A plum-shaped variety, growing in clusters; fruit yellow and of good flavor. Pkt., 5c; oz., 50c.

Yellow Pear—Similar to the above, only pear shape. Pkt., 5c; oz., 50c.

Husk or Ground Cherry—A small variety that is covered by a loose covering or husk. The true edible variety is yellow and is used for preserves. Pkt., 5c; oz., 50c.

Tomato Plants—Page 16.

TURNIP (Postpaid)

Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.00.

1 oz. to 150 ft. drill

Turnips do best in highly enriched light sandy soil. Sow as early as the ground can be worked for early turnips, and for late crops in July, August and September, in drills 18 inches apart and 1 inch in depth. Thin to 6 inches apart in the rows.

Snowball—A very early and the most perfectly formed round white turnip. It has a short top and a single tap root; flesh snow-white, solid and sweet.

Early White Milan—A pure white, extra early flat variety, tender and sweet; a good family sort. Pkt., 5c; oz., 20c; lb., \$1.50.

Early Purple Top Milan—A very early variety; tops small, erect and of straw-leaved type; bulb white with a deep purple top; flesh white, firm and fine-grained. Pkt., 5c; oz., 20c; 1/4 lb., 50c; lb., \$1.50.

TURNIP (Continued)

Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.00. 1 oz. to 150 ft. drill

Golden Ball or Orange Jelly—Medium size, globe shape, flesh firm, fine grained and sweet; the finest flavored and best of the yellow turnips.

Cow Horn—A distinct variety, resembling the carrot more than the turnip; it is long and white, with a dash of green at the crown; of rapid growth; has proven itself a good stock turnip in this section.

Purple Top Strap Leaf—A leading white-fleshed variety, with purple top; flesh firm, tender and of rich flavor.

Purple Top White Globe—A valuable sort for either table or stock feeding; roots globe-shaped, white; a good fall turnip.

White Egg—A medium-size oval or top-shaped variety of quick growth; flesh firm, tender and sweet; a good fall turnip.

Yellow Aberdeen—A winter variety of medium size, generally used for stock feeding. yellow with purple top; flesh light yellow; firm and sweet.

Petrowski—A most distinct variety of early maturity. The flat roots average two and one-half to three inches in diameter, and the skin is a rich deep orange-yellow, very smooth and entirely free from small rootlets. The firm, solid flesh is fine grained, crisp, light orange-yellow in color, and has a tasty flavor.

Pkt., 5c; oz., 20c; lb., \$1.50.

Early White Flat Dutch—A medium-sized flat variety, clear white flesh, tender and sweet, of quick growth.

RUTA BAGA OR SWEDES

Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.00. 1 oz. to 150 ft. drill

Cultivation Same as Turnips

American Purple Top—The most popular variety; grows to immense size, and a heavy yielder; flesh yellow, firm and of good flavor.

Yellow Swede—A large yellow variety of good quality; flesh firm and solid; globe shape.

Hurst's Monarch—Roots very large, oval in shape, growing well out of the ground, and yields large crops; flesh solid, fine grained and of good flavor.

Sweet Russian—A white-fleshed Ruta Baga; very hardy; solid, fine grained and tender.

AROMATIC MEDICINAL AND POT HERBS

Those marked with a (*) are perennial.

Anise—The seed being especially used for seasoning food. Pkt., 5c; oz., 25c.

Basil Sweet—Leaves used for seasoning soups, meats and salads. Pkt., 5c; oz., 25c.

Caraway—Seed used in flavoring bread, cakes, etc. Pkt., 5c; oz., 15c.

Catnip*—Leaves used for medical purposes. Pkt., 10c; oz., \$1.00.

Coriander—Seed used in flavoring pastry, confectionery, etc. Pkt., 5c; oz., 20c.

Dill—Seed and foliage used for seasoning, also as medicine. Pkt., 5c; oz., 20c.

Fennell Sweet*—Leaves used both green and dried in seasoning. Pkt., 5c; oz., 60c.

Horehound—Leaves used for medicinal purposes. Pkg., 5c; oz., 35c.

Marjoram Sweet*—Leaves used both green and dried in seasoning. Pkt., 5c; oz., 60c.

Mint—Leaves used for flavoring meats and fruit julip. Pkg., 10c.

Peppermint for Flavoring—Pkt., 10c.

Rosemary for Flavoring—Pkt., 10c.

Sage*—Used extensively for seasoning. Pkt., 5c; oz., 60c.

Savory Summer—Leaves and stems used in flavoring. Pkt., 5c; oz., 60c.

Savory Winter—Leaves and stems used dry for seasoning. Pkt., 5c; oz., 60c.

Thyme*—An aromatic herb, used for seasoning. Sow early. Pkt., 5c; oz., 60c.

Tarragon—Used for pickling Pkg., 5c; oz., 60c.

VEGETABLE PLANTS—ROOTS

Asparagus—1-year-old plants. Per doz., 35c; per 100, \$1.75. Larger Plants—Per doz., 50c; per 100, \$2.50.

Celery—Leading kinds. Per doz., 20c; per 100, \$1.50.

Cabbage—Early or late kinds. Per doz., 15c; per 100, 75c.

Cauliflower—Early Snowball, plants. Per doz., 75c; per 100, \$1.50.

Chives—Doz., 20c; 100, \$1.75.

Horseradish Roots—Per dozen, 25c; per 100, \$2.50.

Tomatoes—Leading kinds. Per dozen, 25c; per 100, \$1.75.

Add 10c per dozen for first dozen, 5c each additional dozen, 35c per 100 for Asparagus, Celery, Cabbage, Cauliflower, Chives, Tomatoes and Horseradish, by mail or express, prepaid.

RHUBARB

Mammoth—Divided roots, 25c each; \$2.50 doz. Large clumps, 35c, 50c, and \$1.00.

Wagner's Crimson Giant—Divided roots, each 25c; \$2.50 doz.

Divided roots by mail or express prepaid, add 10c each, dozen 50c.

A BEAUTIFUL GREEN LAWN

The quiet green of a soft and velvety lawn lends a restful and refreshing touch to the home grounds. The lawn is a perennial feature and if properly cared for lasts almost indefinitely.

HOW AND WHEN TO MAKE A LAWN

The proper time to make a lawn is either late spring or summer. By deep spading, completely reversing the soil and thoroughly raking it, so it is loose and friable.

One week before seeding broadcast for every 1,000 square feet 25 lbs. of Wil-grow Fertilizer and rake in the soil, after which sprinkle every day for one week. This will give the fertilizer an opportunity to thoroughly amalgamate with the soil and give that beautiful green appearance so much sought after. This will also correct sour soil and keep your lawn free from moss. Before seeding broadcast and rake in equal number of pounds of white rye grain, that you use of Lawn Grass. As rye grain sprouts quickly and breaks the soil in case it crusts over, also gives the fine lawn grasses an opportunity to start at once, it also shades the tender grass seed blades. Immediately after raking in the rye grain, the grass seed should be sown. The best method is to take half of the grass seed and broadcast it across the lawn, walking backwards; then take the balance and broadcast lengthways. After the seed is sown do not rake it in but roll it, or tamp it with the back of a shovel. Sprinkle lightly so as not to float the seed.

While the seed is germinating the grass is tender. Extra precaution should be used not to allow the ground to dry out, especially during the dry weather. Sprinkle two or three times a day.

Commence cutting as soon as you can see the furrows of the lawn mower. Cut often, leaving the clipping on the ground. This acts as a mulch and holds the moisture and also acts as a fertilizer.

After the lawn is established, it should be thoroughly soaked once a week.

GOLF, LAWN AND PASTURE MIXTURES

Grass, and especially Clover, seeds are divided into three or four grades and sold to the trade by samples. The varieties we offer are of the highest germinating qualities, and are not to be classed with cheaper grades. Prices quoted are those prevailing when this catalog goes to press (January 25). When wanted in quantity write for prices and samples, as they are subject to market changes.

Standard Lawn Mixture—This is a first-class mixture made of the best and cleanest grades of those varieties used and best adapted to general lawn purposes.

It's the fastest growing mixture on the market; is used by nearly all oil stations. **Lb., 50c.**

Velvet Turf—A well blended and carefully prepared mixture of the finest dwarf growing grasses that will produce a permanent thick and velvety sward of grass in four to six weeks. It is improved both in root growth and firmness of texture by frequent mowing. When an especially fine lawn is desired, we recommend it as the best mixture. Sow one pound to 200 square feet of lawn. **1 lb., 75c.**

Shady Lawn Mixture—This is a selection of fine grasses of hardy nature which thrives under the shade of trees or buildings. **Lb., \$2.00.**

Golf Link Mixture—This is composed exclusively of hardy perennial fine mixed grasses which will stand frequent close cutting and tramping; is suitable for high, dry or damp bottom land. It is very important that only grasses which fulfill all these requirements for golf courses are used in this mixture. We have made a special study of this subject and consider this the best mixture obtainable. Write for prices.

PERMANENT PASTURE MIXTURE

Upland—Italian Rye, Orchard, Tall Oat, Sheep Fescue, Canadian Blue Grass, Red Clover, White Clover.

Bottom Land—Italian Rye Grass, Meadow Fescue, Orchard Grass, Tall Oat Grass, Red Clover, Alsike Clover, White Clover.

Number pounds per acre, 20. Write for prices.

GRASSES

Agrostis Canina—(Rhode Island Bent Grass)—Resembles the Red Top, but is of dwarf habit with shorter and narrower leaves. One of the best grasses for lawns. It adapts itself to almost any soil. Market price.

Agrostis Stolonifera—(Creeping Bent)—The compact creeping, rooting stems make a strong, enduring turf, improved by constant trampling; does best on low bottom land, especially if somewhat sandy; being of fine texture, makes a valuable lawn. **Lb., \$2.25. Postage extra.**

Agrostis Vulgaris—(Red Top)—A hardy perennial, succeeds best on moist land, but will accommodate itself to a variety of soils even to quite dry situations; height 1 to 2 feet; makes a fine hay with Timothy. Solid seed, 30 lbs., to the acre. **Lb., 65c.**

Blue Grass Kentucky—(Poa Pratensis)—A true perennial; lasting indefinitely and improving each year. One of the best grasses for lawns; also valuable for pastures, being nutritious and productive. **Lb., (21 lb.) 60c; (23 lb.) 75c.**

Crested Dogtail (Cynosurus Cristatis)—A low growing fine leaf perennial of stoloniferous habit, one of the best for lawn mixture. **Lb.. \$1.50.**

Orchard Grass—(Dactylis Glomerata)—One of the grasses most used in permanent meadows, either for pasture or mowing. It is hardy and productive; will grow anywhere and makes excellent hay. **Lb., 35c.**

Red or Creeping Fescue—An excellent bottom grass for pastures and especially for those which are quite shaded. For lawns and should be included in all shade mixtures. **Lb. \$1.25.**

Perennial Rye Grass—(Lolium Perenne)—A strong, hardy-growing perennial grass noted for its nutritive qualities. It is equally valuable for both grazing and hay. For lawns it is recommended by many gardeners. If sown thickly it makes a fine lawn. Use 40 pounds per acre. **Lb., 25c.**

GRASSES (Continued)

Italian Rye Grass—(*Lolium Italicum*)—Practically an annual, although under favorable circumstances will last two or three years. It is a rapid grower and will withstand extreme temperatures, remaining green throughout the winter and retaining its freshness in the hottest months. When sown thickly with other grasses it makes a dense turf, giving much satisfaction on lawn. Height one and one-half feet. 50 pounds to the acre. **Lb., 25c.**

Pacys Rye Grass—(*Lolium Perenne*)—A carefully selected, short-seeded, dwarf growing strain, suitable for lawns. Makes a fine green turf in three weeks. **Lb., 35c.**

Meadow Fescue—(*Festuca Pratensis*)—Perennial; grows 3 to 4 feet. Roots deep, thus resisting drought. It succeeds on any soil, yields a heavy crop of superior hay. One of the best grasses for pasture, being valuable to mix with other kinds. **Lb., 35c.**

Tall Oat Grass (Avena Elatior)—One of the best for permanent pasture on heavy and good average soils; used in permanent pasture mixtures. **Lb., 65c.**

Timothy—(*Pheleum Pratense*)—Produces large crops of hay on most loamy or clayey soil. It withstands drought, cold and extreme heat. It should be cut when flowering; if left later, the hay becomes hard and coarse. Height two to three feet. **Lb., 20c.**

Add postage if by mail.

CLOVERS

Prices subject to market changes. Write for prices.

Alfalfa—One of the most valuable and largely grown forage plants. It requires a rich, deep, well-drained soil. It has a long tap root, in loose soil descending ten to twelve feet, and withstanding great droughts. Should be sown in early fall or spring at the rate of 20 pounds to the acre. The crop should be cut when the plant is coming into bloom. Will produce three to five crops of hay in one season. Two to three feet high. **Lb., 35c; 10 lbs., \$3.00.**

Turkestan Alfalfa—It is said to be more productive and hardier than the ordinary variety; also withstands droughts better. **Lb., 35c; 10 lbs., \$3.25. 15 to 20 pounds per acre.**

Grimm Alfalfa—It is a type of Northern origin, consequently has a very wide range of adaptability and hardiness. Endures extremes of cold and withstands excessive heat, accepting most all soils and has a reputation for productiveness and hardiness all through the Northwest. The seed is identical with other types of alfalfa. We offer genuine Grimm seed from an inspected field in Western Idaho. **Lb., 65c; 10 lbs., \$6.25.**

Alsike or Hybrid Clover—(*Trifolium Hybridum*)—Succeeds best in cold, stiff soil and marshy lands, which are too wet for other varieties. It withstands cold and grows in high altitudes; blossoms make fine honey; a perennial. One to two feet high. 10 pounds per acre. **Lb., 50c; 10 lbs., \$4.00.**

Bokhara Clover—(*Melilotus Alba*)—Valuable sort for soiling and for ensilage and bees. Grows from three to five feet high; sown in rich soil may be cut three times; lasts for years, if cut before flowering. 15 pounds per acre. **Lb., 30c; 10 lbs., \$2.50.**

Red Clover—(*Trifolium Pratense*)—On deep, rich soil it will produce two crops in a season; valuable for hay, pasturage or for light soiling. **Lb., 50c.**

Mammoth Red Clover—(*English Cow Grass*)—Lasts longer and grows larger than the medium; fine for plowing under. **Lb., 60c.**

White Clover—(*Trifolium Repens*)—Makes an excellent turf and stands constant trampling; dwarf habit, stems creeping and rooting at the joints; spreads rapidly and is very hardy. Used extensively in lawn mixtures. 10 pounds to the acre. **Lb., 80c; 10 lbs., \$7.50.**

FIELD SEEDS

Subject to market change.

Write for prices.

Buckwheat, Japanese—Extra large grains; yields enormously; makes good flour and stands up well.

Buckwheat, Silver Hull—Early and productive.

Barley—White Hulless Barley is entirely beardless, half-tone, and when thrashed is hulless, like wheat. It produces 35 to 80 bushels of grain per acre. It is better than corn for hogs.

Beardless Barley—Very early and free from beards; makes splendid hay for work horses. It is sometimes impossible to get seed which is absolutely true and it is liable to produce a small percentage of bearded heads.

Common Barley—Specially selected and recleaned seed. We will be pleased to furnish samples on request.

Flax Seed—Sow about 60 to 90 lbs. to the acre.

Kale, 1000 Headed Cow—The demand for this wonderful forage plant proves it to be the most valuable for Pacific Coast dairy and stockmen. Cow Kale should be grown in the same manner as cabbage, rows 4 feet by 3 feet apart; can be set as late as July. Pkt., 5c; oz., 10c; lb., 65c.

Marrow Kale or Marrow Cabbage—This is described in Washington State Agricultural Experiment Station Bulletin No. 95 as a valuable dairy and poultry food, in many ways very similar to Thousand Headed Kale, and even more prolific. The plants average four to six feet in height, with stalks five to six inches in diameter, and weigh 14 to 20 pounds. The stalks are edible and are relished by cows. The lower leaves are broken off and fed as they mature. Culture the same as for Kale and Cabbage. Oz., 15c; $\frac{1}{4}$ lb., 50c; 1 oz. to 2,000 plants.

Millet, German—Makes good hay; seed grown extensively for feeding birds. Requires a warm climate. Lb., 15c; 10 lbs., \$1.25.

Oats, Swedish Select—The most popular variety in the Northwest. The head is large and spreading; the grain large, white, plump and very heavy. It is a heavy yielder, and the straw is extra large and strong, making it less liable to lodge. **Market Price**.

Oats, Banner—A very popular white head oat. The grain is white and heavier than the average. **Market price**.

Oats, Black Alaska—A black oat, used to sow with Vetch or Peas. It is sometimes sown in fall, but is not so hardy as Gray Winter Oats, and is more liable to freeze out. **Market price**.

Oats, Gray Winter—Especially valuable for fall sowing. The grain is dark grey, large, plump and yields well. The best for sowing with Vetch or Peas. **Market Price**.

Peas, Blue Scotch—A splendid variety, similar to Canadian, except in color, which is bluish green. The peas are small, round, very hard. It is a heavy yielder and ripens evenly. Lb., 10c; 10 lbs., 90c; 100 lbs., \$8.50.

Peas, Canadian Field—The most popular variety; grown extensively in the Northwest. Splendid for hay, ensilage, green feed or to plow under for green manure. Lb., 10c; 10 lbs., 90c; 100 lbs., \$8.50.

Peas, Cow—Whip-Poor-Will—Upright or bush growth; earliest maturing; easily harvested. Per lb., 25c; 10 lbs., \$2.00.

Rape, Dwarf Essex—One of the best forage plants, producing immense quantities of green feed, when grass and other crops are dried up; has yielded as high as ten tons of green feed per acre, with a food value double that of green clover; makes excellent pasture for all stock and fine green food for chickens. Is ready for use in six or eight weeks from time of sowing. Lb., 20c.

Rye, Rosen—A new variety, developed by the Michigan Agricultural College. The straw is vigorous and stools to a remarkable degree. The heads are large and full, with beards of medium length. The grain is large, plump, heavy and of a light greenish color. It is remarkably productive. **Market price**.

FIELD SEEDS (Continued)

Rye, Seed—The old standard variety. Good, recleaned seed. **Market price.**

Hungarian Vetch—Hungarian Vetch, after having been grown at the various experiment stations for the past fifteen years and by cooperating farmers for the past four years, is undoubtedly destined to become a very important annual leguminous farm crop for this state, especially the western part. Its aphis resistance is probably the largest single factor toward making it a generally grown crop. During years when aphids practically destroyed many other farm crops this vetch was injured comparatively little and produced practically normal crops of forage and seed.

It is seldom attacked by diseases or insect pests. At no time since the crop has been grown here has any loss occurred due to disease or insects. Experience has shown that Hungarian is a heavier yielder in both hay and seed than any other vetches grown here, under similar conditions.

Oregon Vetch—Sometimes called Spring Vetch, which name is misleading, for it is the variety used exclusively west of the Cascades for either spring or fall sowing. **Market price.**

Hairy or Winter Vetch—This variety is used east of the mountains for fall sowing. **Market price.**

Wheat, Bluestem—An old standard white spring wheat, sown in fall west of the Cascades. **Market price.**

Wheat, Red Russian—A red winter wheat grown extensively in Eastern Washington. **Market price.**

Wheat, Marquis—A new, early, red spring wheat. Does not shatter easily and stands up well. A short, plump, very hard kernel of good quality. Although a spring wheat, it may be sown in fall west of the Cascade Mountains. **Market prices.**

Wheat, Early Baart—A splendid new spring wheat which is becoming very popular. It is very early, a heavy yielder, and the large white grain is of fine milling quality. **Market price.**

CHOICE FLOWER SEEDS

Flowers make a home more cheerful, and as most varieties (and especially the Annuals) are easily grown from seed, no place should be without an assortment. Our flower seeds are American grown, with the exception of a few varieties that are grown by the best growers in Europe and we put the same up in neat lithographed packets.

Considering the small cost of flower seeds, the large number of varieties, the gorgeous display when in bloom, more real joy, more genuine pleasure, is to be had from floral surroundings and decorated interiors with cut flowers, than any like investment in the world.

Culture—Select your soil free of weeds as possible, using a good quality of sandy loam made rich with well rotted manure or a good fertilizer, which should be made fine and thoroughly mixed with the soil. If out of doors, pulverize thoroughly to a depth of one foot, working in fine and firm, watering lightly the day before sowing. Indoor planting require broken pots, coal ashes or any rough material in the bottom to furnish perfect drainage.

A common mistake made with flowers as well as other seeds is planting too deep. A good rule is to plant the seed thinly to the depth of the thickness of the seed, and always press the soil firmly, as this helps the seed to secure a firm hold and also retain the moisture, which should be kept moist but not wet by a light spray of water to moisten when needed, which is important; cover with one or two thicknesses of newspaper or burlap to prevent the too rapid evaporation of

CHOICE FLOWER SEEDS (Continued)

the moisture, removing the covering during the night. When plants begin to come up remove permanently, as they require plenty of air and moisture, but they must not be too wet or they will "damp off."

Plants are usually ready to be transplanted when about two inches high.

Perennial Flower Seeds planted in July or August will bloom the coming season.

Note—In our catalog we have listed our flower seeds alphabetically, and to assist in your selection, all those marked by (B) are Biennials, and those marked (P) are Perennials. Those not marked are Annuals.

ALRONIA UMBELLATA GRANDIFLORA (Sand Verbena)—A pretty trailing annual, producing heads of verbena-like flowers; rosy lilac, white eye, fragrant; it delights in a dry poor soil and sunny situation on rockwork. Pkt., 10c.

ACANTHUS LUSITANICUS (P) (Bear's Breeches)—Herbaceous perennial. A stately, fine-foliaged plant of robust habit. Thrives best in a warm, sunny position. Useful also for wild garden or background for mixed borders. 3 feet. Pkt., 10c.

ACHILLEA (P)—(The Pearl)—A hardy perennial, blooms the first year if sown early. Grows about 2 feet high and is covered with pure white double flowers. Fine for cutting. Pkt., 5c.

ACONITUM NAPELLUS (P)—(Monk's Hood or Wolfsbane)—Hardy perennial producing long spikes of curiously shaped dark blue flowers. Well adapted for planting among shrubbery or in shady corners; 3 to 5 feet. Pkt., 15c.

ADONIS AESTIVALIS (Pheasant's Eye)—Pretty early-blooming annual with deep crimson flowers and feathery foliage. One foot. Pkt., 5c.

AGATHAEA COELESTRIS (P) (Blue Marguerite)—A tender perennial producing pretty pale blue daisy-like flowers; excellent pot plant or for window boxes. 18 inches. Pkt., 10c.

AGERATUM (Floss Flower)—One of the best bedding annual plants, being covered with bloom from early summer until frost. The flowers are not liable to be spoiled by rain, nor do the colors fade.

Blue Perfection—Deep amethyst-blue, compact growth. 9 inches. Pkt., 10c.

Blue Star—Exceedingly dwarf and compact; many small colored bright mauve flowers; 4 inches. Pkt., 15c.

Blue Ball—A new dwarf true blue Ageratum. Pkt., 15c.

Mexicanum—Tall blue, very attractive in beds and suitable for bouquets; 18 inches. Pkt., 5c.

AGROSTEMMA CORONARIA (P) (Rose of Heaven, Mullen Pink)—A free-flowering hardy perennial of easy culture, producing glowing crimson single flowers; silvery foliage; 2 feet. Pkt., 5c.

ALYSSUM (Sweet Alyssum, Mad-Wort)—A free-flowering annual, useful for beds, baskets, edgings, etc. Very sweetly scented.

Little Gem—Dwarf; blooms when quite small, and the plants are a solid mass of white from spring to late autumn. Pkt., 5c.

Maritimum—Of trailing habit, flowers white. Pkt., 5c.

Lilac Queen—Delicate lavender flowers. Very dwarf. Pkt., 10c.

Little Dorrit—Small white flower heads 3 to 4 inches high. Pkt., 10c.

Saxatile Compactum (P)—Showy golden-yellow flowers; fine for rockwork; hardy perennial; blooms the first season. Pkt., 10c.

CHOICE FLOWER SEEDS (Continued)

AMARANTHUS—Brilliant foliaged annuals, growing from 3 to 5 feet high. They thrive best in a hot, sunny location, not too rich soil, and should be given sufficient room to develop their full beauty.

Cadatus (Love Lies Bleeding)—Blood red. Pkt., 5c.

Cruentus (Prince's Feather)—Dark red, feathery flowers. Pkt., 5c.

Tricolor (Joseph's Coat)—Leaves red, yellow and green. Pkt., 5c.

ANAGALLIS GRANDIFLORA (Pimpernell)—Free-flowering half-hardy annual of rich, showy flowers, admirably adapted for sunny positions; 6 inches. Finest mixed. Pkt., 10c.

ANCHUSA CAPENSIS—Hardy annual, clear bright blue flowers with small white eyes, resembling a tall and larger Forget-Me-Not of brighter colors; blooms all summer. Two feet. Pkt., 5c.

Italica (P) (Dropmore Variety)—Perennial. Bears in abundance flowers of richest gentian-blue. A tall plant, good for the center of a bed. Four feet. Pkt., 10c.

ANEMONE (P) (Wind Flower)—Hardy perennial. These pleasing flowers are easily grown from seed; they are best sown where they are intended to bloom.

St. Brigid—A really beautiful strain, producing wonderful array of colors; blooms 10 months from seed. Semi-double and double mixed. Pkt., 10c.

Coronaria (Poppy Anemone)—Very showy single mixed colors. Pkt., 10c.

ANTIRRHINUM—See Snapdragon.

AQUILEGIA—See Columbine.

ARABIS (P) (Rock Cress or Snow of the Mountains)—Perennial, the earliest of the spring flowers. The spreading tufts are covered with a mass of white flowers; unequaled for rockeries and edgings; withstands drought.

Alpina—Single Pkt., 5c; *Alpina Grandiflora Superba*, Pkt., 10c.

ARMERIA FORMOSA (P) (Sea Pink) — Hardy perennial, bearing rosy-pink flowers; fine for edging. Pkt., 10c.

ARNEBA CORNUTA—Annual, growing in bushy form. Beautiful flowers of rich primrose yellow, marked with five black spots; the spots gradually vanish. Two feet. Pkt., 10c.

ARNICA MONTANA (P)—Perennial of yellow fragrant flowers. Pkt., 10c.

ARTEMISIA SACRORUM VIRIDIS (Summer Fir)—Annual. Light and elegant finely cut foliage plant of graceful pyramidal habit. 4 to 5 feet. Pkt., 10c.

ASCLEPIAS TUBEROSA (P) (Butterfly Weed)—A most beautiful autumn flowering perennial with erect leafy stems, crowned with bright orange-red flowers. 2 to 3 feet. Pkt., 15c.

ASPARAGUS (P)—Half-hardy perennial, fern-like foliage plants.

Plumosus Nanus—Dwarf variety for pot or table decorations. Pkt., 10c.

Sprengeri—Suitable for hanging baskets. Pkt., 10c.

ASPERULA ODORATA (P) (Woodruff)—Perennial; large sprays of sweet-scented minute white flowers. Pkt., 10c.

AUBRIETIA (P)—A charming hardy rock or border plant, producing great masses of lovely flowers which make the garden so gay in springtime. A companion to White Arabis.

Graeca—Lovely blue; dwarf. Pkt., 15c.

Bougainvillei—Very showy dark blue; dwarf. Pkt., 25c.

Leichtlinii—Beautiful rosy-carmine; dwarf. Pkt., 25c.

ASTERS

Asters are one of the most important of summer and autumn flowers. Seeds sown in the open in April and May bloom in September and October. For July and August flowers, sow in hotbeds in March and April and transplant to open ground.

IF center bud is pinched out of Asters as soon as it appears the remaining side stems will all produce large flowers as the center one would have been; they would all be inferior if allowed to remain.

QUEEN OF THE MARKET—The best early Aster, of spreading habit, about two weeks earlier than any other sort. 1 ft. Mixed. Pkt., 10c.

GIANT COMET—Superb class, with very large flowers and long petals. Dark Blue, White to Rose, White, Purple, Malmaison Pink or Mixed. Pkt., 10c.

IMPROVED GIANT CREGO—The "Giant Crego" is distinct in every way, and its magnificent flowers, often 6 inches in diameter, are fully equal to chrysanthemums. They have rare beauty of form and brilliant coloring, are very vigorous, and free flowering; blooms are borne on long stems. White, Shell Pink, Rose, Purple, Lavender, Azure Blue, Crimson, Rose Pink or Mixed. Pkt., 10c.

ASTER-MUM—A selection from "Giant Comet." Of immense size, resembling Chrysanthemum in form, hence the name "Aster-mum." Plants are about 2 feet high with good stems. A little earlier than "Crego." Lavender, Rose, White or Mixed. Pkt., 10c.

NEW CALIFORNIA GIANTS—The Ostrich Feather type flower of immense size and beauty; their long and sturdy stems make them very attractive in floral work. Dark Purple, Deep Rose, Light Blue, Peach Blossom and Mixed. Pkt., 15c.

KING ASTERS—Flowers large and double; petals more or less quilled, making them distinct from all others, and a very desirable class; about 18 inches. Shell Pink or Mixed. Pkt., 10c.

DWARF CHRYSANTHEMUM MIXED—A medium early variety of Chrysanthemum-shaped flowers, produced in clusters from 15 to 20 in a cluster; very useful for edgings of beds and pot culture; 9 to 12 inches. Pkt., 10c.

AMERICAN BRANCHING—A select strain of robust branching habit. Flowers large and double; 2 to 3 feet. Purple, White, Flesh Pink or Mixed. Pkt., 10c.

NEW FANCY YELLOW—This is considered the best yellow yet grown; it is fairly large and fully double. Pkt., 15c.

GIANT CRIMSON—Plants of upright growth bearing large, double, bright crimson flowers which attract much attention. Pkt., 10c.

DAYBREAK—A delicate silvery pink; flowers are large and ball-shaped and borne very profusely; erect robust habit; 2 feet. Pkt., 15c.

BALL'S WHITE—A splendid Giant Aster of branching habit; with full centered blossoms; medium early. Pkt., 15c.

HEART OF FRANCE—Rich dark red flowers of medium size; branching habit; about 2 feet high. Pkt., 15c.

LAVENDER GEM—The most charming early lavender of true Comet type. Pkt., 15c.

SENSATION—Is a rich garnet or oxblood red which glistens in the sunshine like a live coal. The plants are of free branching habit, about 18 inches high; the very double flowers average three and one-half inches across. Pkt., 15c.

TRUFFAUT'S PAEONY FLOWERED PERFECTION—Medium-size flowers, with incurving petals. Plants about 2 feet 6 inches high, erect in growth. Mixed. Pkt., 10c.

SINGLE CHINA ASTERS (Chinensis)—Large, single flowers carried on long stems; excellent for cutting; 18 inches. Dark Blue, Lavender, White or Mixed. Pkt., 10c.

PERENNIAL ASTER (Michaelmas Daisies)—Single fall-flowering hardy plants thriving in any good soil. Large-flowered. Lilac Blue or Mixed. Pkt., 10c.

50 CENTS buys any six 10-cent packets or any four 15-cent packets of the Finest American Asters.

BALSAM (Lady Slipper)—Tender annual, producing brilliant-colored double flowers in the greatest profusion; 18 inches. Mixed. Pkt., 5c.

BEGONIAS—For pot plants or bedding, remaining in a sheet of bloom many months of the year.

Semperflorens Single Mixed—This mixture contains a wide range of colors. Pkt., 15c.

Tuberous-Rooted Double Mixed—A superb strain of choice varieties. Pkt., 25c.

BOCCONIA CORDATA (P) (Plume Poppy)—Hardy herbaceous perennial of stately habit, with finely cut ornamental greyish-green foliage; buff-colored flowers. Pkt., 10c.

BROWALLIA ELATA—Elegant half-hardy annual, flowers blue and white; foliage glossy green. Pkt., 5c.

CALENDULIA (Pot Marigold)—Showy, free-flowering hardy annuals, about one foot high. Flowers produced in great profusion, showing different shades of yellow and orange. Mixed. Pkt., 5c.

Orange King—Full double flowers of a rich and bright orange. Pkt., 10c.

Lemon King—Very large and extremely double; dark eye. Pkt., 10c.

Meteor—Large double; orange, broadly striped with creamy white, light center. Pkt., 5c.

Ball's Orange Ball—A new strain, preferred by florists. Pkt., 20c.

CALLIOPSIS—Showy, free-flowering annuals, blooming all summer; excellent for cutting and massing.

Golden Wave (Drummondii)—Rich, golden yellow with small chestnut-brown center; dwarf. Pkt., 10c.

Crimson King—Rich, velvety crimson garnet; a fine dwarf sort; 9 inches. pkt., 10c.

Golden King—Rich golden yellow; dwarf. Pkt., 10c.

Dwarf Mixed—Pkt., 5c; **Tall Mixed**, Pkt., 5c.

CAMPANULA (B) (Canterbury Bells)—A beautiful and well-known bell-shaped flower, perfectly hardy.

Medium—Single biennial of the old-fashioned sort in **White, Blue, Rose, Rosy-Carmine or Lilac**. Pkt., 10c; **Mixed**, Pkt., 5c.

Double Mixed—All the double-flowering medium varieties. Pkt., 10c.

Medium Calycanthesma (Cup and Saucer)—Cup and saucer shaped flowers; fine for pots and borders. In **Rose, White, Blue, Rosy-Carmine, Deep Lilac or Mixed**. Pkt., 10c.

Carpathica (P) (Carpathian Hair Bell)—Free-flowering hardy perennial, continuing to bloom the whole season; fine for edgings; 6 inches. **Blue or White**. Pkt., 10c.

Persicifolia Grandiflora (P) (Peach Bell)—One of the finest of the hardy Bell-flowers. Color **Blue or White**; 2 to 3 feet. Pkt., 15c.

Percifolia Grandiflora Double (P)—About 50 per cent true double from seed. **Blue**. Pkt., 25c.

Pyramidalis (P) (The Chimney Bellflower)—A beautiful stately hardy plant. 4 to 5 feet. **Blue or White**. Pkt., 15c.

Venus Looking Glass (Speculum)—Pretty hardy annual of single blue flowers. Pkt., 5c.

CANDYTUFT (Iberis)—One of the best flowers for edging or rockeries. Some varieties are fragrant and all are profuse in bloom.

Carmine—Bright carmine Rose. Pkt., 5c.

Empress—Large trusses of pure white flowers. Pkt., 10c.

Giant Hyacinth-flowered—Pure white, very large blooms. Pkt., 10c.

Coronaria (Rocket Candytuft)—Hardy annual; flowers in upright spikes; pure white. Pkt., 5c.

Crimson—The darkest and best strain. Pkt., 5c.

Fragrant—Small white flowers, very sweetly scented. Pkt., 5c.

Rose Cardinal—Deep rosy-red. Pkt., 10c.

Lavender—Delicate shades of rosy-lavender. Pkt., 5c.

Little Prince—Very dwarf, large white spikes. Pkt., 10c.

Sempervirens (P)—Hardy perennial; flowers form a sheet of whiteness in early spring; much used for cemeteries, rockeries, etc.; 1 foot. Pkt., 10c.

CANDYTUFT (Continued)

Gibraltarica (P)—Perennial variety, with large lilac flowers shading off to white; a splendid sort. Pkt., 10c.

Rose (P) (Jucunda)—A charming perennial variety of rose-pink. Pkt., 25c.
Mixed Annual Sorts. Pkt., 5c.

CANNA (India Shot)—Ornamental perennials; blooms first year if sown early; useful in groups and masses; height about four feet. Splendid mixed. Pkt., 5c.

CARNATION (P)—The richness of colors and delicious fragrance makes the Carnation a general favorite with all lovers of flowers. Indispensable for greenhouse culture in winter and the garden in summer.

Marguerite—The most popular variety with the amateurs as they bloom four months from seeding, producing an abundance of double long stems and highly scented flowers. Separate colors: Yellow, Scarlet, Dark Red, Violet, White or Mixed. Pkt., 10c; Giant or Malmaison, Mixed, Pkt., 15c.

Chauband's Everblooming—Blooms in five months after being sown and continues to flower in the greatest profusion indefinitely. Rose Queen, Scarlet or White. Pkt., 20c. French Mixed, Pkt., 15c.

Hardy Border—A good hardy strain, flowering the second season; producing a mass of flowers in a great variety of colors. Double mixed. Pkt., 15c.

Grenadin—Dwarf and compact, valuable for borders and cutting; perfectly hardy in Darkest Red, White or Scarlet. Pkt., 15c.

Triumph—Semi-dwarf hardy border variety of beautiful rose shades. Pkt., 15c.

Double Dwarf Vienna—Large-flowering and early, producing many colors and markings. Pkt., 10c.

CASTOR OIL BEAN (Ricinus)—Ornamental foliage plants with bright colored fruits; also prevent moles from working in the ground; 3 to 5 feet. Mixed. Pkt., 5c.

Zanzibariensis—Very large sorts. Pkt., 10c.

CATANANCHE COERULEA (P)—A perennial border plant; blue flowers, suitable for cutting in July and August; 2 feet. Pkt., 5c.

CELOSIA (Cockscomb)—Free blooming annual; makes a grand border plant, and attractive for pots.

Cristata (Cockscomb)—Producing comb-like heads; 1 ft. Mixed. Pkt., 10c.

Thompsoni—A choice strain of pyramidal growth; with feathery plumes of clear yellow to deep red. 3 ft. Mixed. Pkt., 5c.

Pyramidalis Plumosa—Feathered crimson plumes. Pkt., 5c.

Chinese Woolflower (Childsii)—An interesting novelty bearing on its branches a ball of wool-like heads until late autumn. Crimson, Salmon Pink or Yellow. Pkt., 15c.

CENTAUREA—Known as Bachelor's Button, Blue Bottle, Ragged Sailor, Sweet Sultans, etc. Great favorites in all sections of the country; fine as cut flowers. They usually re-seed themselves year after year.

Bachelor's Button—Single. Deep Blue or Mixed. Pkt., 5c.

Double Varieties—Blue, Rose or Mixed. Pkt., 10c.

Dwarf Victoria—Blue; fine for edging. 9 inches. Pkt., 10c.

Montana (P)—A handsome, hardy perennial Cornflower with large flowers coming into bloom in the early summer; 2 feet. Blue or White. Pkt., 10c.

Americana—Beautiful flowers; 4 inches in diameter. 2 feet. Blue or White. Pkt., 10c.

Sweet Sultans—*Imperialis*—Beautiful sweet-scented artistic-shaped flowers.

Brilliant Rose, Deep Purple, Lavender, White or Mixed. Pkt., 10c.

Moschata Rose—Excellent. Pkt., 10c.

Suaveolens—Yellow; very showy. Pkt., 10c.

Odorato—A popular sweetly scented variety. Chameleon-Yellow and Rose or Mixed. Pkt., 10c.

Candissima (P) (Dusty Miller)—Half hardy perennial; broad silvery-white foliage. 1 foot. Pkt., 10c.

Gymnocarpa (P) (Dusty Miller)—Narrow silvery foliage; suitable for bedding. Half-hardy perennial; 1 foot. Pkt., 10c.

CENTRANTHUS MACROSIPHON—Attractive and free-blooming hardy annual with large heads of bright red flowers. 1 foot. Pkt., 5c.

CERASTIUM—See Snow in Summer.

CHEIRANTHUS KEWENSIS (P) (Winter-blooming Wallflower)—Perennial, lovely fragrant flowers; sulphur passing to golden and purple violet; blooms from November till spring. Pkt., 15c.

Allionii (P) (Siberian Wallflower)—Early flowering with gorgeous orange flowers; charming in the dwarf borders and in rockeries; continues in bloom the whole season if seed-pods are removed; 9 to 12 inches. Pkt., 10c.

CHELONE BARBATUS HYBRIDA (P) (Turtle Head)—A hardy perennial of Pentstemon-like habit, producing long racemes of rosy scarlet flowers, blooming in July and August; 3 feet. Pkt., 10c.

CHRYSANTHEMUMS—Showy and effective garden favorites. Annual varieties, bloom from early summer until frost.

Carinatum—A fine double variety of annuals. **Choice Mixed.** Pkt., 5c.

Single Annuals—Comprising a wide range of charming colors. **Mixed.** Pkt., 5c.

Burridgeanum—Beautiful flowers, banded with crimson, white and yellow. Pkt., 5c.

Morning Star—Large single flowers of soft yellow or primrose; annual. Pkt., 5c.

California Fantasies (P)—Perennial varieties, all sorts, splendid mixture. Pkt., 15c.

Double Early-Flowering (P)—A new perennial, in a large range of colors. Easily grown from seed. Pkt., 25c.

Hardy Pompon (P)—A fine strain of the old-fashioned hardy fall-flowering sorts, with double button-like flowers. **Mixed.** Pkt., 15c.

CINERARIA HYBRIDA GRANDIFLORA (B)—A beautiful flowering plant for the house or conservatory. Dwarf, compact habit, with immense heads. **Mixed.** Pkt., 35c.

CLARKIA—A pretty and easily grown annual; blooms from July to October; 1 to 2 feet high. The flowers are borne all along the stems and resemble the carnation to some extent. **Double Apple Blossom, Carmine, Brilliant Salmon, Purple Prince, Ruby Red, or Scarlet Beauty.** Pkt., 10c. **Double Mixed,** Pkt., 5c.

CLEOME GIGANTEA (Giant Spider Flower)—A striking annual for large beds or interspersing in the shrubbery border; well branched, each branch terminated by a large head of bright rosy carmine flowers; 3½ feet. Pkt., 10c.

COLEUS—Most attractive and novel foliage plants for house or garden culture. Easily raised from seed.

Large-Leaved Mixed—Large and superbly variegated foliage; rich and choice strain. Pkt., 25c.

Mixed Colors—A splendid collection. Pkt., 15c.

COLLINSIA—Hardy annual of bright colors; exceedingly attractive in clumps. Blooms early and prefers a dry situation. 18 inches. Pkt., 5c.

COLUMBINE (P) (Aquilegia)—Magnificent perennials, producing graceful spurred flowers on stems 2 to 3 feet high.

Coerulea (Rocky Mountain Columbine)—Violet-blue and white, 2 feet. Pkt., 10c.

Coerulea Hybrida Rose Queen—Beautiful rose shades with white. Pkt., 15c.

Coerulea Hybrida Delicatissima—Rose and yellow; very attractive. Pkt., 15c.

Coerulea Candidissima—Large, snowy white; beautiful variety. Pkt., 10c.

Coerulea Hybrida—Long-spurred superb mixture. Pkt., 10c.

California Hybrida—Large yellow flowers with long orange colored spurs. Pkt., 10c.

California Hybrida fl. Pleno—New double golden yellow, with long red spurs. Pkt., 10c.

Chrysanthia fl. Pleno—Rich double golden yellow flowers; long spurred. Pkt., 10c.

Chrysanthia—Fine golden yellow long spurred variety. Pkt., 10c.

Chrysanthia Grandiflora fl. Pleno—A new sulphur yellow with long spurs; large. Pkt., 10c.

Glandulosa (Major)—Large dark blue flowers. Pkt., 10c.

Vulgaris fl. fl. Alba—An elegant double pure white. Pkt., 10c.

Skinneri—Attractive bright crimson and gold long-spurred flowers. Pkt., 10c.

Hybrida Vernalis—Early flowering hybrids mixed single and semi-double, partly long-spurred flowers. Pkt., 10c.

COREOPSIS, LACEOLATA GRANDIFLORA—Perennial; with large showy, bright yellow flowers produced in great abundance; much used for cutting purposes; will bloom the first season if sown early. 2 ft. Pkt., 10c.

COSMOS—Extra early. A strong growing annual, covered with large single flowers in great abundance from July until frost. Fine feathery foliage. Crimson, Pink or White. Pkt., 10c. Mixed, Pkt., 5c.

New Double—The plants are similar in habit to the above. The flowers vary in their degree of doubleness, which gives them a very dainty appearance. Crimson, Pink, White or Mixed. Pkt., 20c.

CRUCIANELLA STYLOSA (P)—Early flowering perennial, suitable for rockwork; flowers light red. Six inches. Pkt., 5c.

CUPHEA MINIATA, NEW HYBRIDS—Useful bedding annual; profusion of flowers in mixed colors; green foliage. 1 foot. Pkt., 10c.

CYCLAMEN PERSICUM (P)—A charming house plant with beautiful foliage and rich colored flowers; tender perennial. Mixed. Pkt., 15c.

Butterfly (Papilio)—Beautifully fringed flowers. Mixed. Pkt., 35c.

CYNOGLOSSUM AMABILE (B) (Hounds Tongue)—Biennial, producing large sprays of brilliant blue Forget Me-Not-like flowers; blooms continuous from June to Sept. 2 feet. Pkt., 10c.

CLIMBERS

ABRUS PRECATORIUS (Weather Plant)—Interesting climber of light purple flowers, followed by pods with brilliant red seeds used for making chains. Soak the seed in lukewarm water before planting. The leaves are affected by weather conditions. 10 feet. Pkt., 10c.

ADALUMA CIRRHOSEA (B) (Alleghany Vine or Mountain Fringe)—A graceful, hardy biennial, but reseeds itself year after year. The feathery foliage closely resembles that of the Maidenhair Fern. Flowers tube-shaped, flesh-colored, somewhat like the Bleeding Heart. Pkt., 15c.

AMPELOPSIS VEITCHI (P) (Boston or Japanese Ivy)—A perennial climber. The best and most popular climber for covering brick or stone walls. Pkt., 10c.

Quinquefolia (P) (Virginia Creeper)—A sturdy perennial vine; fine for covering fences and porches; leaves turning to autumn colors in the fall. Pkt., 10c.

BALLOON VINE—*Cardiospermum (Love in a Puff)*—A rapid growing annual climber; seed vessels look like miniature balloons; flowers white. Pkt., 5c.

CALAMELIA SCRABRA (Eccremocarpus)—An interesting slender annual of deep orange; tube-shaped flowers. Plant in sunny situation. Pkt., 10c.

CANARY BIRD VINE (Tropaeolum Canariense)—A beautiful annual climber of rapid growth, with charming canary colored blossoms with its wings resembling a bird half expanded. Pkt., 5c.

CARDINAL CLIMBER—Annual climber of beautiful fern-like foliage and brilliant cardinal flowers. Pkt., 10c.

CLEMATIS HYBRIDA (P)—Seedling Clematis are extremely vigorous in growth and remarkable shades. Pkt., 35c.

COBEA SCANDENS—A rapid growing annual climber with pretty bell-shaped flowers in great profusion during the fall months; height 20 to 30 feet. Purple flowers. Pkt., 10c.

CYPRESS VINE (Ipomoea Quamoclit)—A popular annual climber with delicate fernlike foliage and small star-shaped scarlet flowers; 10 feet high. Pkt., 5c.

DOLICHOS (Hyacinth Bean)—A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed pods, in Purple-Violet or Mixed. Pkt., 5c.

GOURLDS—Annuals of very rapid growth with curious fruits and ornamental foliage; excellent for covering verandas, fences, etc. Small ornamental sorts mixed. Pkt., 5c. Large sorts mixed. Pkt., 5c.

HUMULUS JAPONICUS VARIGATUS (Japanese Hop)—Annual, 15 to 20 feet. Leaves variegated with white; very ornamental. Pkt., 5c.

KUDZU VINE (P) (Pueraria Thunbergiana)—Beautiful Japanese climber; hardy perennial, with large foliage and small fragrant, purplish-violet, Wisteria-like flowers. It will grow 8 to 10 feet the first year from seed. Pkt., 10c.

CLIMBERS (Continued)

MAURANDA—A half-hardy, rapid growing slender climber; flowering the first season if sown early. Mixed colors. Pkt., 10c.

MOON FLOWER (*Ipomoea Grandiflora*)—A climber. The white Moon Flower; the plants are covered with fragrant flowers, 5 to 6 inches in diameter at night and dull days. Pkt., 10c.

MORNING GLORY (*Ipomoea*)—Climbers of rapid growth, with beautiful and varied flowers.

Convolvulus Major—A tall variety of Morning Glory. Dark Blue or Mixed. Pkt., 5c.

Double Flowering—Climbers; flowers are double and semi-double. Pkt., 10c.

Imperial Japanese (*Ipomoea Imperials*)—The largest and most handsome of all Morning Glories; fine mixed. Pkt., 10c.

Brazilian Morning Glory (*Ipomoea Setosa*)—A quick growing vine with large rose-colored flowers. Pkt., 10c.

PASSION FLOWER (P) (*Coerulea Grandiflora*)—Perennial climber, 15 to 20 feet, bearing a profusion of attractive blue flowers. Pkt., 10c.

SCARLET RUNNER BEANS—Of strong, quick growth; bearing large sprays of bright scarlet, pea-like flowers. Pkt., 10c.

THUNBERGIA ALATA (Black-eyed Susan)—Slender growing, rapid climber, preferring sunny situation; used extensively in hanging baskets, low fences, etc.; flowers in white, buff, orange, etc., with dark eyes. Mixed. Pkt., 5c.

WILD CUCUMBER (*Echinocystis Lobata*)—One of the quickest growing annual vines we know of. Pkt., 5c; oz., 25c.

DAISY COLLECTION

AGATHEA COELESTRIS (P) (Blue Marguerite Daisy)—A tender perennial, producing pretty pale blue daisy-like flowers; excellent pot plant or for window boxes. 18 inches. Pkt., 10c.

ANTHEMIS KELWAYI (P) (Hardy Marguerite Daisy)—A hardy perennial, bearing all summer daisy-like golden-yellow blossoms; fine for cutting. 2 ft. Pkt., 10c.

ARCOTIS GRANDIS (African Daisy)—A remarkably handsome hardy annual from Africa; easy to grow and always in bloom in bright sunshine; flowers pure white, shaded pale lilac-blue. 2 to 3 feet. Pkt., 5c.

SINGLE CHINA ASTERS—Large single daisy-like flowers, carried on long stems; excellent for cutting. 18 inches. Dark Blue, Lavender, White or Mixed. Pkt., 10c.

PERENNIAL ASTER (Michaelmas Daisies)—Single fall-flowering hardy plants, thriving in any good soil. Lilac, Blue or Mixed. Pkt., 10c.

BELLIS (P) (Double Daisy)—The poet's favorite; hardy perennial; blooms the first year from seed.

Longfellow—Double pink; very showy. Pkt., 10c.

Double Red—Pkt., 20. Finest Mixed, Pkt., 10c.

Double Quilled—Double quilled flowers in mixture, containing red, pink and white. Pkt., 20c.

Monstrosa—The new double Giant Daisies; remarkably fine. Separate colors. Red, Rose, White or Mixed. Pkt., 20c.

Monstrosa Quilled—Giant dark red; quilled. Pkt., 20c.

BRACHYCOME (Swan River Daisy)—Free flowering dwarf growing annuals, suitable for edging or pot culture. Mixed. Pkt., 5c.

CHRYSANTHEMUM MAXIMUM (P) (Moonpenny Daisy)—Perennial. Purest white single flowers of extraordinary size; free flowering; excellent for cutting. Pkt., 10c.

Chrysanthemum, Morning Star—Large single flowers of soft yellow; annual. Pkt., 5c.

DIMORPHOTHECA AURANTIACA (African Golden Daisy)—A showy annual of bushy habit, growing from 12 to 15 inches high; a free bloomer. A glossy orange-gold with dark-colored disc. Pkt., 10c.

Hybrida—Similar in habit to the above, but vary in color from white through the various shades of yellow and orange to rich salmon. Pkt., 10c.

DAISY COLLECTION (Continued)

ERIGERON (P)—Perennial of daisy-like flowers.

Speciosus Hybridus Grandiflora—Large, clear pale mauve flowers with bright golden centers. 2 to 3 feet. Pkt., 10c.

Multiradiatus Roseus—Rose shade; very graceful. Pkt., 15c.

LEPTOSYNE STILLMANII—Annual of golden-yellow flowers; blooms six weeks after sowing; fine for cutting; 18 inches. Pkt., 10c.

PYRETHRUM ROSEUM HYBRIDUM GRANDIFLORUM (P)—Perennial; large daisy-like flowers; fine for cut flowers. Red shades or mixed. Pkt., 15c.

SHASTA DAISY—Perennial; a large improved strain. Pkt., 10c.

SHASTA ALASKA DAISY (P)—A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals. Pkt., 10c.

SHASTA CALIFORNIA DAISY—Perennial of large, creamy yellow flowers. Pkt., 10c.

SHASTA VERNALE (P) (Spring Marguerite)—Early-flowering Marguerite of good shape and size. Pkt., 10c.

DAHLIA—Perennial, flowering the first season from seed. Well-known plants with large, showy flowers.

Cactus—Mixed colors. Pkt., 20c.

Decorative—Are an intermediate form between the Show and Cactus types. Mixed. Pkt., 25c.

Collerette—A novel type, having a row of petals around the disc like a frill or collar, which is of a different color to the regular petals. Mixed colors. Pkt., 10c.

Peony-flowered—Mammoth semi-double Peony-like flowers. Mixed. Pkt., 15c.

DATURA FASTUOSA HUBERIANA fl. pl. (Trumpet Flower)—Ornamental annual with large double and showy flowers; handsome plants, 2 to 3 feet high. Mixed. Pkt., 5c.

DELPHINIUM (P) (Perennial Larkspur)—Annual Larkspur and Delphiniums furnish our gardens with flowers of striking beauty in form and color. Delphiniums are extremely valuable during the early months of summer.

Gold Medal Hybridum—Extremely large flowers in all the richest shades of blue. Pkt., 10c.

Belladonna—The freest and most continuous blooming hardy Larkspur; flowers are of clear turquoise blue; 3 feet. Pkt., 15c.

Bellamosum—A rich, deep blue form of the popular light blue Belladonna. Pkt., 15c.

Formosum—Beautiful spikes of rich blue flowers; fine species; 2½ feet. Pkt., 15c.

Zalii—Long yellow spikes. Pkt., 25c.

Blue Butterfly—Large blossoms of intense gentian-blue; fine foliage; 18 inches. Pkt., 10c.

Cardinal—Brilliant scarlet. 3 to 5 feet. Pkt., 10c.

Kelways Hybrids—A choice strain of mixed colors. Pkt., 10c.

DIANTHUS—See Pinks.

DIASCIA BARBERAE—Annual; pretty pink coral-like flowers, freely produced on long stems during the whole summer; excellent for dwarf borders and cutting; 9 inches. Pkt., 10c.

DIGITALIS (P) (Foxglove)—Hardy perennial, highly ornamental with flower stalks 2 to 5 feet long covered with thimble-shaped blossoms. Rose or Mixed. Pkt., 5c.

Montrosa (Mammoth Foxglove)—Long spikes surrounded by one enormous flower. Very odd. Mixed. Pkt., 10c.

Hybrida Lutz—A new perennial Digitalis of salmon shades. Pkt., 10c.

Giant Yellow—Large flowers of rich cream. Pkt., 10c.

The Shirley—A new strain of enormous flowers ranging from white to deepest rose; handsomely spotted. 5 to 7 feet. Pkt., 10c.

Gloxiniflora Mixed—Beautiful spotted flowers in many different colors. Pkt., 5c.

ECHINOPS RITO (P) (Globe Thistle)—Hardy perennial, round heads of steel-blue flowers in July and August. 3 to 5 feet. Pkt., 10c.

ECHIUM—Continuous blooming hardy annual. Fine for bees. 18 inches.

Plantagineum—Flowers open rose and change to purple. Pkt., 5c.

Criticum—Scarlet. Pkt., 5c.

EDELWEISS (P) (Leontopodium Alpinium)—A favorite among the perennial varieties because of its interesting bluish-white attractive flowers; 6 inches. Pkt., 15c.

EPILOBIUM ANGUSTIFOLIUM (P)—Excellent perennial for groups in the wild flower garden; flowers bright rose, in long, loose sprays. 3 feet. Pkt., 10c.

ERIGERON (P) (Fleabane)—Perennial of daisy-like flowers.

Speciosus Hybridus Grandiflora (The Midsummer Daisy)—Large, clear, pale mauve flowers with bright golden centers. 2 to 3 feet. Pkt., 10c.

Multiradiatus Roseus—Rose shades; very graceful. Pkt., 15c.

ERYNGIUM AMETHYSTINUM (P) (Sea Holly)—Perennial, with finely cut foliage and the small, beautiful thistle-like heads of glistening amethystine blue, are produced from July to September; 2 to 3 feet. Pkt., 10c.

ESCHSCHOLTZIA (California Poppy)—Very attractive annuals for beds or masses; fine cut, glaucous foliage. Very free flowering. One foot high.

Aurantiaca—Rich golden orange. Pkt., 5c.

Crimson—Carmine crimson. Pkt., 10c.

Golden West—Orange-colored blossoms; shading to canary yellow at the edges; very large. Pkt., 5c.

Geisha—Bright scarlet on the outside, inside rich golden orange. Pkt., 10c.

Vesuvius—Rich wallflower or coppery red. Pkt., 10c.

Rosy Queen—A beautiful soft flesh pink; petals fluted. Pkt., 10c.

Chrome Queen—A rich chrome yellow suffused apricot. Pkt., 10c.

Purple Glow—A bright reddish-purple shade. Pkt., 10c.

Scarlet Beauty—A striking color of vivid deep even scarlet. Pkt., 10c.

New Hybrids Mixed—New brilliant colors. Pkt., 10c.

Mixed—All colors. Pkt., 5c.

EVERLASTING—See Straw Flowers.

EUPHORBIA—Strong growing annuals, suitable for beds of tall growing plants.

Variegata (Snow on the Mountain)—Attractive foliage; veined and margined white. 2 feet. Pkt., 10c.

Heterophylla (Mexican Fire Bush)—Resembling in habit and color the hot house poinsettia. About mid-summer the center top leaves of each branch turn orange scarlet. 2 to 3 feet. Pkt., 10c.

FEVERFEW (P) (Matricaria Capensis fl. pl.)—Neat, small double white flowers, well adapted for bedding and cutting; perennial, 1½ ft. Pkt., 5c.

Golden Ball—Perennial; fine for pots and edgings. Pkt., 10c.

FORGET-ME-NOT (Myosotis)—Beautiful little plants with star-like flowers, succeeding best in a shady, moist situation.

Alpestris—Rich indigo-blue flowers; will flower first season. Pkt., 10c.

Victoria—Biennial; large bright azure blue, with yellow centers; plants bushy and compact. Pkt., 10c.

Ruth Fischer—Large blue flowers; compact habit; excellent for edgings and as a pot plant. Pkt., 15c.

Dissitiflora—Large flowered early strain; valuable to form groundwork for spring bulbs. Pkt., 10c.

Palustris Semperflorens—An everblooming variety; large, clear blue flowers. Pkt., 10c.

Alpestris Rose—Pkt., 10c. Mixed Varieties, Pkt., 5c.

FOUR O'CLOCKS (P) (Marvel of Peru)—A garden favorite, handsome and free flowering; 2 feet. Mixed. Pkt., 5c.

FUCHSIA HYBRIDA—Carefully saved from the finest single and double varieties. Mixed. Pkt., 35c.

FRANCO RAMOSA HYBRIDA (B) (Bridal Wreath)—Popular decorative biennial. During summer months it produces elegant sprays of pure white flowers; excellent for cutting. Best adapted for greenhouse culture. Pkt., 15c.

GAILLARDIA—Showy and free bloomers; fine for bouquets or for house decoration.
Sanguinea (P)—Perennial; a striking shade of red showing very little yellow. Pkt., 10c.
Grandiflora Semiplena (P)—Superb large-blooming perennial varieties. Mixed. Pkt., 10c.
Picta—A favorite strain of single sorts. Pkt., 5c.
Double Flowering Mixed—A charming double strain of mixed colors. Pkt., 10c.

GAURA LINDHEIMERI—Useful hardy annual, producing long graceful sprays of white flowers for cutting from July to late autumn. 2 feet. Pkt., 5c.

GAZANIA SPLENDENS HYBRIDA GRANDIFLORA—Tender annual of extra large daisy-like flowers in canary-yellow and bright orange shades. Excellent for pots and sunny borders. Pkt., 30c.

GENTIANA ACAULIS (P)—A useful, hardy perennial for rockwork and edgings; rich dark blue trumpet-shaped flowers; 4 inches. Pkt., 10c.

GERANIUM (P) (Zonale, "Good Venture")—A superb strain of the finest varieties; very interesting to grow from seed. Choice single mixed. Pkt., 15c.

GERBERA JAMESONII HYBRIDA (Transvaal Daisy)—Daisy-like flowers ranging in color from bright red, flesh pink to creamy-yellow and white. May be grown as a perennial in sunny positions, slightly protected in winter. 15 inches. Pkt., 25c.

GEUM, Mrs. Bradshaw (P)—Undoubtedly the finest Geum produced. The flowers are large and full, of a beautiful orange scarlet color, blooming from April to September. Perennial. 18 inches high. Pkt., 15c.

Lady Stratheden (P)—Fine rich double golden yellow flowers, which match in other respects the popular Mrs. Bradshaw; 18 inches. Pkt., 35c.

Heldreichii (P)—Perennial of large orange flowers; very free flowering. 18 inches. Pkt., 15c.

GILIA—Free-flowering annual of small flowers; fine for rockwork. Mixed. Pkt., 5c.

GLOBULARIA TRICHOSANTHA (P)—Dwarf Alpine perennial, suitable for rockery; small, globe-shaped blue flowers on long stems; dark green foliage. Pkt., 10c.

GLAUCIUM, BURBANK'S HYBRIDS (P)—Perennial, beautiful large flowers of mixed colors. Pkt., 5c.

GLOXINIA GIGANTEA—Magnificent house-blooming plants, with large bell-shaped flowers of the richest colors. A superb class. 1 foot. Pkt., 35c.

GODETIA—Attractive free-blooming hardy annuals. The plants bloom profusely and bear flowers of satiny textures of the most delicate and lovely colors. They do best in rather poor soil.

Double Godetia—Of distinct and graceful habit, producing long sprays of beautiful large double flowers. **Crimson**, **Lilac**, **Rose Queen** or **White**. Pkt., 10c.

Crimson Glow—Intense glowing crimson; compact habit. Pkt., 10c.

Aurora—Beautiful delicate rose; compact habit. Pkt., 10c.

Duchess of Albany—Satiny white, of compact growth. Pkt., 5c.

The Bride—White and crimson; very showy. Pkt., 5c.

Brilliant—Glowing satiny rose. Pkt., 5c.

Gloriosa—Large satiny, brilliant blood-red flowers of dwarf habit. Pkt., 10c.

Rosamund—Vivid rose; compact habit. Pkt., 10c.

Semi-dwarf Mixed—Finest varieties. Pkt., 5c.

GRASSES—Ornamental grasses can be used for the decorative effects in flower garden and bouquets.

Job's Tears (Coix Lachrymae)—Broad, corn-like leaves and hard, shining, pearly seeds; annual. Pkt., 5c.

Pampas Grass (Gynerium Argenteum)—White silvery plumes; perennials, blooms the second season. Pkt., 10c.

Agrostis Nebulosa—An airy and graceful sort, and looks like a line of mist when in bloom. 18 inches. Pkt., 10c.

Stipa Pennata (P) (Feather Grass)—Perennial, delicate white, feathery blooms. If intended for bouquets, should be cut before maturity. Pkt., 10c.

Zeja Japonica (Japanese Maize)—Long, narrow, green, variegated foliage. Pkt., 10c.

GREVILLIA ROBUSTA (Silk Oak)—Beautiful greenhouse shrub, with fern-like foliage. Excellent for table decorations. Pkt., 10c.

GYPSOPHILA (Baby Breath)—Pretty free blooming plants, succeeding in any garden soil. Their misty white panicles of bloom are used for mixing with other cut flowers.

Elegans Grandiflora—Pure white hardy annuals; 2 feet. Pkt., 5c; 1 oz., 35c.

Elegans Carnea—Pink annual. Pkt., 5c.

Elegans Crimson—A new rich crimson colored variety. Pkt., 10c.

Paniculata (P)—Hardy perennial, white flowers; a favorite for bouquets. Pkt., 5c.

Paniculata fl. pl. (P)—The new double flowering and one of the finest hardy plants. Pkt., 20c.

Repens (P)—A pretty dwarf trailing species for the rockery; a continuous bloomer of pinkish white flowers. Pkt., 10c.

Acutifolia (P)—Perennial, rose flowered. Pkt., 10c.

HELIANTHEMUM MUTABILE (Sun Rose)—Exceedingly pretty, low-growing evergreen perennial, quite hidden by a mass of bloom during July and September; suitable for rockeries, borders and dry, sunny banks. Mixed. Pkt., 10c.

HELIANTHUS (Sunflower)—Annuals, 2 to 6 feet high, fine for backgrounds or along fences.

Chrysanthemum-flowered—Rich golden-yellow flowers, perfectly double. Pkt., 5c.

Red Sunflower—A rich bronzy-red; single flowers. Pkt., 5c.

Lilliput (*Cucumerifolius Nanus*)—Dwarf rich single flowers. Pkt., 5c.

Rigidus (P)—Perennial, single golden yellow flowers with dark centers. 5 feet. Pkt., 15c.

Perennial Mixed—Fine single flowering sorts. Pkt., 10c.

HELIOPSIS PUTCHERIANA (P)—Hardy herbaceous perennial of deep golden-yellow flowers; valuable for cutting. 3 to 4 feet. Pkt., 10c.

HELIOTROPE, QUEEN MARGUERITE—Of robust growth and produces very large heads of dark blue flowers. Pkt., 10c.

HELLEBORUS HYBRIDUS (P) (Christmas Rose)—Perennial; blooms in the depth of winter; charming flowers of the best mixture; 9 inches. Pkt., 15c.

HEMEROCALLIS MIDDENDORFII (P) (Day Lilies)—Perennial. Narrow grass-like foliage; golden yellow flowers with long tubes, 3 to 5 inches a head and quite fragrant; any garden soil, moist and loamy preferable, and should be left undisturbed. Pkt., 15c.

HESPERIS (P) (Sweet Rocket)—A hardy perennial of easy culture bearing spikes of showy fragrant flowers. Excellent for planting among shrubbery or permanent borders; 2 to 3 feet. **White or Purple.** Pkt., 5c.

Nana Candidissima (P)—True pure white, compact, early free-flowering. Pkt., 10c.

HEUCHERA SANGUINEA (P) (Coral Bells or Alum Root)—Charming hardy perennial for rockeries and borders; foliage dwarf and compact, above which rise numerous graceful panicles of flowers; excellent for cutting; blooming in June; 18 inches. **Crimson or Rose.** Pkt., 15c. **Hybrida Mixed,** Pkt., 10c.

HIBISCUS, NEW GIANT (Marshmallow)—Perennial; a wonderfully improved form of the marshmallow; flowers of enormous size; blooming from early July until late autumn. The colorings comprise rich dark red, soft pink and white. 5 to 8 ft. high. Pkt., 10c.

HOLLYHOCK (P)—One of the most majestic hardy plants. Although a perennial we advise sowing the seed every year, as the young plants give the best flowers; fine for background next to a building or high fence.

Chater's Strain—Magnificent long spikes of double flowers. **Rose, Salmon Rose, Apricot, Newport Pink, Golden Yellow, Dark Scarlet, Scarlet, White or Purplish Violet.** Pkt., 15c. **Mixed colors,** Pkt., 10c.

Single Mixed—Everblooming single annuals. Pkt., 10c.

Double Mixed—Double annual varieties. Pkt., 10c.

HUNNEMANNIA FUMARIAEFOLIA (Giant Yellow Tulip Poppy)—Annual; fine for cutting, remaining in good condition for several days; golden yellow flowers; 2 feet. Pkt., 10c.

HYACINTHUS CANDICANS—Perennial, white Yucca-like flowers, very decorative. 3 to 5 feet. Pkt., 10c.

HYPERICUM ELEGANS (P) (St. John's Wort)—Shrub-like perennial of dark green foliage and bright yellow flowers; suitable for shady places. Pkt., 10c.

ICE PLANT—See *Mesembrianthemum*.

IMPALENS HOLSTII HYBRIDA—Tender perennial, producing bright, waxy-looking flowers profusely and almost continuously; valuable for pot culture and for bedding. 2 feet. Mixed. Pkt., 25c.

IRIS KAEMPFERI (Japanese Iris)—These seeds have been saved from unrivalled collections; blooms the second year from seed. Pkt., 10c.

ISATIS GLAUCA (P)—A new perennial of bright yellow flowers borne in profusion; silvery-gray foliage. Pkt., 10c.

KAULFUSSIA AMELLOIDES—An excellent hardy annual of blue flowers, for edgings. 6 inches. Pkt., 10c.

KENILWORTH IVY (P) (*Linaria Cymbalaria*)—Hardy perennial, a charming trailing plant; suitable for rockwork, vases, etc. Pkt., 10c.

KOCHIA TRICHOZYLLA (Summer Cypress)—Annual; form highly decorative bushes; foliage green, turning to fiery red in autumn. Pkt., 5c.

LANTANA HYBRIDA—Half hardy perennial plant with Verbena-like heads, constantly in bloom. Mixed. Pkt., 10c.

LARKSPUR—Hardy annuals of easy culture, with a wide range of colors; very showy; makes fine cut flowers.

Dwarf Rocket—Dwarf in habit; flowers produced in dense spikes; fine for bedding. 1 foot. Apple Blossom, Azure Blue, Dark Blue or Rose. Pkt., 10c. Mixed, Pkt., 5c.

Double Stock Flowered—Fine variety, with splendid spikes of beautiful double flowers; 2½ to 3 feet. Dark Blue, Rose, Rosy Scarlet, Lustrous Carmine, Lilac or White. Pkt., 10c. Mixed, Pkt., 5c.

Perennial Larkspur—See *Delphiniums*.

LEPTOSIPHON HYBRIDUS MIXED—Free-flowering, hardy annual, thickly studded with charming bright flowers of various colors; adapted for edgings and rockwork; 3 inches. Pkg., 10c.

LEPTOSYNE STILLMANII—Annual of golden-yellow, daisy-like flowers; blooms six weeks after sowing; fine for cutting; 18 inches. Pkt., 5c.

LIMNANTHES DOUGLESII—Free flowering and delicately fragrant hardy annual; yellow and white flowers. Valuable for spring gardening and for bees. 6 inches. Rkt., 10c.

LINARIA BIPARTITA—Hardy annual producing varied and beautiful flowers resembling miniature *Antirrhinums*; fine for bouquets; 9 to 12 inches. Mixed. Pkt., 10c.

Macedonica (P)—Perennial, blooming the first year from seed. Long spikes of beautiful citron-yellow flowers, produced in abundance. Pkt., 10c.

Cymbalaria—See *Kenilworth Ivy*.

LINUM (Flowering Flax)—One of the most effective and showy bedding plants, having fine foliage and delicate stems; free flowering.

Grandiflorum—Elegant, free-flowering, hardy annuals of brilliant colors. 1 foot. Crimson or Rich Rose. Pkt., 5c.

Perenne (P)—Perennial flax, very showy, 18 inches. Blue or White. Pkt., 5c.

LOBELIA—Free-flowering annual, plants much used for edgings, baskets, etc. Sow the seed in March or April in seed pans of light soil. Do not cover the seed, but sow on surface and press down firmly with hand; water with a fine spray. When large enough transplant to shallow boxes and afterwards to open ground.

Emperor William—Very compact; sky blue. Pkt., 10c.

Crystal Palace *Compacta*—Rich deep dark blue; dark foliage; the finest for bedding. Pkt., 10c.

White Gem—Dense balls covered with snow white flowers. Pkt., 10c.

Dwarf Red—Magenta red; white eye. Pkt., 10c.

Bedding Queen (*Compacta Pumila Splendens*)—Dark blue flower with clear white eye; excellent sort. Pkt., 10c.

LOBELIA (Continued)

Hybrida Saphire—Largé, deep blue flower with white eye; superb trailing Lobelia. Pkt., 10c.

Speciosa—Trailing; dark stalks, deep blue flowers. Pkt., 10c.

Erinus Alba—Trailing; pure white. Pkt., 10c.

LUPINS—Hardy garden plants, growing from 1 to 3 feet high, bearing spikes of pea-shaped flowers.

Aboreus New Hybrids (P)—Effective perennials of new and unusual colors; blooms in June and July. Mixed. Pkt., 10c.

Aboreus, Yellow Tree (P)—Perennial, bright yellow flowers; bushy habit. 4 feet. Pkt., 10c.

Polyphyllus Sorts (P)—Beautiful hardy variety of stately spikes of bloom. **Carmine**, **Golden Spire** (Purple with Gold), **Lavender Queen** (Lavender shades tinted Rose), **Rose Shades or White**. Pkt., 15c.

Polyphyllus, Regal Hybrids (P)—An improved strain of mixed colors. Pkt., 15c.

Annual Mixed—Semi-dwarf sorts. Pkt., 5c.

LYCHNIS CHALCEDONIA (P) (Jerusalem Cross)—Hardy perennial plants; blooms the first year if sown early. Dense heads of scarlet flowers. 3 feet. Pkt., 5c.

Chalcedonica, Salmon Queen (P)—A striking shade of salmon-pink. Pkt., 10c.

Haageana Hybrida—Perennial of brilliant orange, scarlet, crimson, etc., in mixture. 1 ft. Pkt., 15c.

Arckwrightii (P)—Perennial, new hybrids of Chalcedonia and Haageana varieties. Rich, effective colors. 2 to 3 feet. Pkt., 25c.

Alpina (P)—Perennial; clusters of rose-colored flowers; dwarf; 4 inches. Pkt., 20c.

MARIGOLD (Tagetes)—An old standard variety of hardy annuals.

African Tall—Fine double mixed; 18 inches. Pkt., 5c.

African Orange Prince—Double flowers of deep golden orange. Pkt., 10c.

African Lemon Queen—A soft lemon-yellow. Pkt., 10c.

African Dwarf Orange—Blooms earlier than the tall varieties; 18 inches. Pkt., 10c.

African Dwarf Mixed—A fine mixture of early varieties. Pkt., 5c.

French Double Tall—Large bushes covered with a multitude of small double flowers. **Orange**, **Lemon-Yellow**, **Yellow and Brown or Striped**. Pkt., 10c. **Tall Mixed**, Pkt., 5c.

French Double Dwarf—Excellent for borders. 10 inches. **Orange**, **Reddish Brown** or **Yellow-flushed Red**. Pkt., 10c. **Dwarf Mixed**, Pkt., 5c.

French Lilliput—Dwarf and double; valuable either for beds or borders. Very small flowers. **Brown**, **Golden or Yellow and Brown**. Pkt., 10c.

Legion of Honor—Dwarf; single golden yellow with large spot of crimson velvet. Pkt., 5c.

Signata Pumila—A dwarf compact Marigold with delicate fern-like leaves; densely covered with flowers of golden yellow. A good border plant. Pkt., 5c.

MESSEMBRYANTHEMUM CRISTALLINUM (Ice Plant)—Dwarf trailing annual of icy foliage; white flowers. Pkt., 5c.

Tricolor—Dwarf annual, well adapted for sunny situations; flowers crimson and white with dark centers. 3 inches. Pkt., 10c.

MIGNONETTE (Reseda)—No garden is complete without this well-known fragrant plant. The seed can be sown at any time; a very hardy annual; average height 1 foot.

Odorata Grandiflora—The old variety with small spikes, but very sweetly scented. Pkt., 5c.

Machet—Thick spikes of reddish flowers; excellent for pot or garden culture. Pkt., 5c.

Machet Ruby—Splendid coppery red flowers. Pkt., 10c.

Golden Machet—Dwarf with massive spikes of golden yellow blossoms. Pkt., 10c.

White Pearl—Large spikes; very fragrant; white. Pkt., 10c.

Goliath—Of strong, compact habit; bright red flowers; large stocks. Pkt., 10c.

MIMULUS TIGRINUS (P) (Monkey Flower)—Perennial, blooming the first year from seed; fine for shady places; mixed spotted varieties; 9 inches. Pkt., 10c. **Prince of Bismarck** (P)—Perennial of purplish carmine flowers; compact habit. Pkt., 10c.

Musk Plant (P) (Moschata)—Musk-scented leaves, tiny yellow flowers; fine for window boxes or hanging baskets. Pkt., 20c.

Morning Glory Dwarf—The dwarf Morning Glory; makes fine border or bedding plants; rich colors; mixed. Pkt., 5c.

MONARDA HYBRIDA (P)—Showy plants with aromatic foliage and producing their bright flowers during July and August; 1 to 1½ feet. Fine mixed. Pkt., 15c.

NASTURTIUM—One of the best annuals of easy culture, wide range of colors. The dwarf varieties are exceedingly fine for bedding and the tall sorts make excellent covering for trellises, etc.

Dwarf Mixed—Pkt., 5c; oz., 10c; ¼ lb., 35c.

Dwarf Varieties—Separate colors. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Aurora—Terra cotta.

Beauty—Scarlet, blotched canary.

Cherry Rose—Rich cherry rose.

Golden King—Orange yellow.

Empress of India—Salmon scarlet.

The Pearl—Lemon yellow.

King of Tom Thumb—Pure scarlet.

Vesuvius—Rich salmon rose.

King Theodore—Rich deep velvety crimson.

Dwarf Ornamental Leaved—Leaves are showily spotted and variegated in contrasting shades of white and green. The flowers are always of good color and size. Mixed. Pkt., 10c; oz., 20c.

Tall Mixed—Pkt., 5c; oz., 10c; ¼ lb., 35c.

Tall Varieties—Separate colors. Pkt., 10c; oz., 20c; ¼ lb., 60c.

Butterfly—Light lemon-yellow, blotched terra-cotta red.

Dunnett's Orange—Deep orange, blotched crimson.

Golden-Leaved Scarlet—Golden yellow foliage, flowers deep velvety maroon.

Midnight—Deep brownish-red.

Moonlight—Light straw yellow.

Tall Scarlet—Brilliant scarlet.

Twilight—Delicate salmon suffused rosy-salmon.

Tall Ornamental Leaved—Flowers of many bright colors, in charming contrast to the handsomely variegated foliage. Mixed. Pkt., 10c; oz., 20c.

Tom Bounce Trailing—Valuable as a trailer for baskets, window boxes and the rockery. The plants have running stems which are set closely with small leaves and little flowers in profusion. Mixed. Pkt., 10c; oz., 25c.

NEMESIA STRUMOSA GRANDIFLORA (Suttorum)—A free-flowering annual of orchid-like flowers in finest mixture of rich and rare colors; 1 foot. Pkt., 15c

NEMOPHILIA (Baby Eyes)—Annuals of the easiest culture. Effective in front row to a bed or border; should be sown where they are to remain; 6 inches. **Sky-Blue, White, Spotted Brown or Mixed**. Pkt., 5c.

NICOTIANA—Species of tobacco, delicious fragrant flowers; fine as decorative plants; annuals; about 3 ft. high.

Affinis—Pure white tubular flowers, sweet scented. Pkt., 5c.

Sylvestris—Long, pure white, very sweet-scented flowers, hanging in racemes. 4 feet. Pkt., 10c.

Affinis Hybrida—Fine colors mixed. Pkt., 10c.

Sanderae Hybrida—Mixed varieties. Pkt., 10c.

NIGELLA (Love in a Mist or Devil in the Brush)—A hardy annual of curious looking flowers and seedpods; finely cut foliage. Easy culture; 1 ft.

Damascena—Blue and white mixed. Pkt., 5c.

Miss Jekyll—Cornflower, double blue blossoms; splendid for cutting. Pkt., 5c.

Miss Jekyll White—Double pure white flowers. Pkt., 5c.

OENOTHERA (P) (Evening Primrose)—Perennial; elegant subject for growing in an exposed sunny position, either in the border or rockery; blooming a greater part of the summer.

Speciosa Rosea—A fine rose-colored fragrant flower. 18 inches. Pkt., 15c.

Fraseri—Produces an abundance of deep yellow flowers; compact habit; 1 ft. Pkt., 15c.

Afterglow—An improved variety. The brilliant red calyx intensifies the yellow of the flower. 3 feet. Pkt., 10c.

PANSIES

Kaufmann's Superb Mixture—A wonderful collection of rich, velvety shades, huge in size with fine long stems. Pkt., 25c.

Giant Varieties—Mixed. Something that will please the most fastidious. Pkt., 15c.

Bugnot's Superb Blotched—Beautiful class of rarest colors. Pkt., 15c.

Orchid Flowered Mixed—Rare light shades of large frilled flowers. Pkt., 10c.

Striped and Mottled Mixed—Splendid strain. Pkt., 15c.

Masterpiece (Exhibition)—A selected strain of blotched and frilled large blooms. Mixed. Pkt., 15c.

Adonis—Large, light blue with eye. Pkt., 10c.

Cardinal—Giant, brilliant red. Pkt., 15c.

Dark Red—Large, dark blood red, blotched and frilled. Pkt., 15c.

Elks Purple—Very large, rich deep purple. Pkt., 15c.

Emperor William—Giant, showy cornflower blue. Pkt., 10c.

Giant Yellow—Rich yellow, with dark center. Pkt., 15c.

Golden Queen—Giant pure yellow. Pkt., 15c.

King of Blacks—A jet black of giant size. Pkt., 15c.

Light Blue—Giant light blue without eye. Pkt., 15c.

Lord Beaconsfield—Large, fine bluish purple with a distinct lavender ring on the upper part of the upper petals. Pkt., 15c.

Mad Perret—Large, fine wine shade on white ground. Pkt., 15c.

Mercury—New, dark velvety purple, very large. Pkt., 15c.

Prince Henry—A splendid dark blue of immense size. Pkt., 15c.

Panama Yellow—Large yellow, some with dark eye and some without. Pkt., 15c.

Ruby King—Giant purplish red shades. Pkt., 15c.

Snowflake (Black Seeded)—A very pure white; giant size. Pkt., 15c.

White Mastodon—Dark eye. Pkt., 15c.

Giant Winter-Blooming Pansies—This early and perpetually-flowering strain of Pansies; is exceptionally compact in growth. Seed sown at usual time, will start flowering in autumn and continue in profusion.

Celestial Queen—Sky Blue. Pkt., 15c.

Helios—Pure yellow. Pkt., 15c.

Charm of March—Velvety blue. Pkt., 15c.

North Pole—Snow white. Pkt., 15c.

Winter Sun—Golden yellow with black eye. Pkt., 15c.

Mixed—Splendid mixed. Pkt., 15c.

VIOLA CORNUTA OR TUFTED PANSIES

Violas are indispensible for spring gardening and if the dead blooms are regularly removed the plants will flower profusely until late autumn. May be grown in the same manner as Pansy. Six inches.

G. Wermig—Abundant fine, long-stemmed violets; early. Pkt., 25c.

Admiration—Large dark blue. Pkt., 10c.

Spring Messenger—Bright rich purple. Pkt., 15c.

Rose Queen—Large rose. Pkt., 15c.

Tufted, Ardwell Gem—Large primrose. Pkt., 10c.

Lutea Splendens Grandiflora—Rich golden yellow. Pkt., 10c.

Munbyana—Dark blue, abundant long-bloomer; very early. Pkt., 15c.

Viola Cornuta Mixed (Tufted Pansies)—Fine mixture of long and free-blooming varieties. Pkt., 10c.

PENTSTEMON GLOXINIOIDES "SENSATION" (P) (Beard Tongue)—Perennial, much used in hardy borders. Branching habit; bearing spikes of Gloxinia-like flowers in wide range of bright colors; 2 feet. Mixed. Pkt., 10c.

PERILLA NANKINENSIS MACROPHYLLA—Half-hardy annual of beautiful bronze foliage; valuable for bedding. 1 foot. Pkt., 5c.

PETUNIA—An effective out of door and house culture flower; early and continuous throughout the season. We are offering some of California's specials.

Giants of California—Often 5 or more inches in diameter. They embrace every conceivable shade of crimson, pink, lavender, yellow, black and pure white, etc., flowers are beautifully ruffled and frilled. Mixed Pkts., 25c.

Triumph—Large single flower, beautifully ruffled, of a clear bright pink. A fine bedder and a free bloomer. Pkt., 25c.

Giant White—Unrivalled for beauty of texture and size. Has glistening satiny texture and yellow throat. Pkt., 25c.

Marvelous Double—Beautifully fluted, frilled and ruffled and pinked. They have never been surpassed in beauty, size and color. Choice mixed, Pkts., 25c.

Fluffy Ruffles (Single)—The most delicate ruffled and fringed of all petunias; slightly smaller than the giants, but more ruffled. Mixed, Pkts., 25c.

Giant Rose—Ruffled, veined black. Pkt., 25c.

Giant Steel Blue—Ruffled, veined black. Pkt., 25c.

Finest Mixed—Single sorts of good bright colors. Pkt., 10c.

Dwarf Inimitable—Spotted and starred dwarf varieties in splendid mixture. Pkt., 10c.

Dwarf Gloria—Bright carmine, white throat. Pkt., 15c.

Dwarf Senator—Purple violets, white throat. Pkt., 15c.

Balcony Petunia—A splendid free-flowering type, either for bedding, window boxes, vases, hanging baskets, etc.; flowers average 3 inches across. Deep Violet Purple, Brilliant Rose Pink, Rich Dark Red and White. Pkt., 20c.

PHLOX—The bloom of Phlox Drummondi Grandiflora are unrivalled for richness and beauty of color; they are abundant, almost covering the foliage and of long duration. Very desirable and easily grown. For cutting or for bedding in masses they are unsurpassed. Hardy, annual.

Drummondi Grandiflora—Select large flowering sorts; 1 foot. Snow White, Scarlet, Soft Rose, Yellow or Mixed. Pkt., 10c.

Drummondi Dwarf—Large flowering Dwarf varieties; 8 inches. Pure White, Fiery Scarlet, Soft Rose, Yellow or Mixed. Pkt., 10c.

Star Phlox—Of dwarf habit, with pretty star-shaped flowers. Mixed. Pkt., 10c.

Decussata (P) (Perennis)—Of all perennials the Hardy Phlox are probably the most popular. Mixed. Pkt., 25c.

PHYSALIS FRANCHETI (P) (Chinese Lantern Plant)—Perennial ornamental plant, forming dense bushes about 2 feet high; producing freely bright orange-scarlet lantern-like fruits. Pkt., 10c.

PHYSOSTEGIA VIRGINIANA (P) (False Dragon Head)—Perennial; dense bushes with spikes of lilac pink tubular flowers. Useful for cool situations. 3 feet. Pkt., 10c.

PINKS or DIANTHUS—No garden is complete without a few plants of these annual pinks which are easily grown from seed.

Hedgewigi Hybridus (Japanese Pink)—Double mixed. Pkt., 5c.

Hedgewigi Atropurpureus (Morning Clock)—Very large double flowers of dark crimson, margined white. Pkt., 10c.

Hedgewigi Diadematus (Diadem Pink)—A splendid type; flowers large and double in various tints, with outer edges fringed and nearly white. Mixed. Pkt., 5c.

Imperialis (Double Imperial Pinks)—Robust bushy plants with double flowers. Choice mixed. Pkt., 5c.

Imperialis Atrosanguineus fl. pl.—Double dark red; very striking. Pkt., 10c.

Hedgewigi Laciniatus—A superb single mixed variety; dwarf. Pkt., 5c.

Snowdrift—Very large double white blooms. Pkt., 10c.

Marvelous—Single annual. This remarkable strain produces large flowers, with petals deeply cut into fine strips of thread-like fringes; all shades mixed. Pkt., 5c.

Lucifer—A new double flowering form of bright geranium-red. The nicely fringed flowers are about 2 inches across. Pkt., 10c.

HARDY GARDEN PINKS

Plumarius -Semperflorens (Everblooming Hardy Garden Plants)—Sweet scented, double and semi-double varieties in a large range of colors. Pkt., 15c.

Plumarius (Grass Pink or Pheasant-Eye Pink)—A beautiful single hardy Pink, with fringed-edged flowers of various colors. Pkt., 10c.

Plumarius fl. pl. (Double Hardy Garden Pinks)—Double and semi-double in beautiful colors. Pkt., 15c.

Neglectus—Hardy flowers, fiery red. Pkt., 15c.

Latifolius Atrocieneus (Everblooming Hybrid Sweet William)—A cross between an annual Pink and Sweet William; continuous-bloomer; an intense velvety crimson; hardy. Pkt., 15c. **Double Mixed.** Pkt., 10c.

Oculatus—Double white with dark red center. Pkt., 15c.

Deltoides, Brilliant—The plants are literally covered with tiny flowers of a gorgeous rosy-carmine color; valuable for the rockery. 6 to 9 inches. Pkt., 15c.

PLATYCODON GRANDIFLORA (P) (Wahlenbergia)—One of the best hardy perennials, producing very showy steel blue flowers during the whole season; excellent for planting in permanent borders or among shrubbery. Pkt., 10c.

Grandiflora Double (P)—Large handsome flowers. Small per cent come true double. Blue or White. Pkt., 20c.

POLEMONIUM COERULEUM GRANDIFLORUM (P) (Jacob's Ladder)—Perennial of beautiful large blue spikes in early spring. 2 to 3 feet. Pkt., 10c.

Prima Donna (P) Perennial. Delicate blue flowers; dwarf. Pkt., 10c.

POLYGONUM ORIENTAL (Persicaria)—An exceedingly pleasing annual of red Oriental variegated foliage; 2½ feet or more. Pkt., 10c.

POPPIES

Poppies are one of the most desirable flowering plants, with a wide range of colors. Sow where they are to remain.

Peony Flowered Mixed—Large showy flowers, resembling a double peony. Pkt., 5c.

Peony Flowered Dwarf—Double mixed. Pkt., 5c.

Admiral—Large single flowers of glistening white, with broad band of brilliant scarlet at top. Pkt., 5c.

Charles Darwin—Single, rich dark purple flowers. Pkt., 5c.

King Edward—Beautiful deep scarlet, shaded crimson; single. Pkt., 5c.

Dainty Lady—Rose mauve; very showy. Pkt., 5c.

Danebrog or Danish Cross—Scarlet, blotched silvery white. Pkt., 5c.

Miss Sherwood—Petals silvery white, shading to rose, single. Pkt., 5c.

Peach Blossom—Attractive single peach-pink flowers. Pkt., 5c.

Tulip Poppy (Glaucum)—Large tulip-shaped flowers of brilliant scarlet. Pkt., 10c.

Alpine Poppy (Pyrenaicum)—Smallest blooms in rich colors; charming little plants for pots and rockeries. Pkt., 15c.

Double Salmon Pink—An attractive shade. Pkt., 5c.

The Bride—A beautiful large pure white. Pkt., 5c.

Umbrosum—Single, glowing vermillion spotted black. 18 inches. Pkt., 10c.

Select Shirley—Extra fine strain, semi-double; scarcely two flowers alike. Mixed. Pkt., 5c.

Lilliput Shirley—New Shirley with abundant small flowers of many lovely shades; 1 foot. Pkt., 10c.

Double Shirley Hybrids (Ryburgh Elderado)—Flowers are double and semi-double, self-colored. If gathered young they last for days. Mixed. Pkt., 10c.

Salmon Shades, Shirley—Very fine new varieties. 18 inches. Pkt., 10c.

Blue Shades, Shirley—Unusual grey-blue flowers in various tints. Should be grown separately from other Poppies. Pkt., 10c.

Dwarf Shirley—Charming mixed colors. 18 inches. Pkt., 10c.

Japanese Pompon (Ranunculus Poppy)—Very pretty, small double flowers of perfect form. 15 inches. Finest Mixed. Pkt., 10c.

Iceland (P) (Nudicaule)—Perennials; will bloom the first year from seed. They are of graceful habit, with bright fern-like foliage, bearing on long slender stems brilliant flowers of endless profusion. **Yellow, Orange-Scarlet**

POPPIES (Continued)

or New Hybrids Mixed. Pkt., 10c.

Iceland Double Mixed—Extra fine strain. Pkt., 15c.

Oriental Poppies (P)—Perennial; for gorgeous coloring the Oriental Poppies have few rivals among the hardy plants. Bright Scarlet Shades, Royal Scarlet, Dark Red or Finest Mixed. Pkt., 10c.

Oriental, Princess Victoria Louise—Large flowers of soft salmon pink. Pkt., 10c.

PORTULACA (Moss Rose)—Hardy annual; one of the best plants for edging and rockwork; thriving best in sunny location or rather rich, light loam or sandy soil. The flowers are of the richest colors.

Single Mixed—Pkt., 5c; Double Mixed, Pkt., 10c.

POTENTILLA (P)—Charming hardy perennial plants for the border, with brilliant flowers, mostly in orange, red and crimson tones during June to August; 18 inches.

Single Hybrids—All colors. Pkt., 10c.

PRIMULA (P) (Primrose)—These are among the best of the hardy early spring blooming plants. The Obconica and Chinese varieties do best for winter blooming pot plants.

Auricula—A well known favorite of great beauty. 6 inches. Pkt., 25c.

Cashmiriana—Round heads of rosy-lilac flowers in early spring; hardy and fine. Pkt., 20c.

Veris Aurea—Hardy, superb golden yellow. Pkt., 10c.

Veris—Crimson shades. Pkt., 15c.

Veris Acaulis Coerulea (Polyanthus)—Blue flowered. Pkt., 25c.

Veris Acaulis Hybrids—This splendid strain produces large flowers of robust growth. Choice mixed. Pkt., 25c.

Veris Grandiflora Mixed—A giant flowered beautiful class. Pkt., 25c.

Japonica (Japanese Primrose)—Bright and showy flowers, borne on stems 6 to 9 inches long. Mixed. Pkt., 10c.

Kewensis—Free-flowering with large golden yellow flowers; fine foliage. Pkt., 15c.

Rosea Grandiflora—Charming large bright rose; very early. Pkt., 25c.

Verticillata—Beautiful variety of golden-yellow flowers, leaves white-powdered. Pkt., 25c.

Malacoides (Improved Baby Primrose)—Light lilac, blooming within 4 months; very rich and delightfully scented; fine summer and winter blooming house plant. Pkt., 15c.

Fringed Chinese (Sinensis Fimbriata)—The finest fringed large flowering sort for pot plants during the winter months. Mixed. Pkt., 25c.

Obconica Gigantea Hybrida—A profuse bloomer for pot culture. Giant finest mixed. Pkt., 25c.

PRUNELLA GRANDIFLORA (P)—Perennial with blue flowers, preferring moist, hardy positions. Pkt., 5c.

PYRETHRUM (P)—Perennial of easy culture, bearing large Daisy or Cosmos-like flowers in May and June and again in the fall; most graceful and long-lasting cut flower.

Roseum Hybridum Grandiflorum (P)—Large flowering mixed. Pkt., 15c.

Roseum Hybridum Fl. Pl. (P)—A splendid collection of semi double flowers. Mixed. Pkt., 25c.

Roseum Atrosanguineum (P)—Very fine red and dark red shades. Pkt., 15c.

Parthenifolium Selaginoides (Golden Feather)—An effective border plant of bright yellow fern-leaved foliage; 1 inch. Pkt., 5c.

RANUNCULUS (P) (Crows Foot, Buttercup)—Effective perennial either as a cut flower or grouped in hardy borders.

Asiaticus Superbissimus—Various colors, double and single flowers; 2 feet. Pkt., 5c.

Gramineus—Rich yellow. Pkt., 15c.

RICINUS—See Castor Bean.

ROSA POLYANTHA PLENO ("Little Midget" or Baby Rose)—Remarkable race of miniature Roses. Charming for small beds or borders and suitable for pots, being literally covered with double and single flowers; 1 foot. Mixed Pkt., 15c.

RUDBECKIA (Cone Flower)—Strong growing plant; flowering all summer.

Bicolor Superba—Annual, yellow flower with brown in center. 2 ft. Pkt., 5c.
Newmani (P)—Perennial, bearing large bright orange-yellow petals surrounding a large black cone. Pkt., 10c.

Purpurea (P) (Giant Purple Cone-Flower)—Hardy perennial, producing large, showy reddish purple flowers. 3 feet. Pkt., 10c.

SALPIGLOSSIS (Painted Tongue)—A favorite annual of easy culture; beautiful orchid-like flowers of large improved strain. **Chamois Rose, Lilac with Gold, Purple Violet and Rose.** Pkt., 15c.

Emperor—Finest mixed robust class of large flowers. Pkt., 10c.

SALVIA (Scarlet Sage)—A favorite annual bedding and pot plant that keeps the garden bright until late autumn.

Zurich—Early. The plants are dwarf and compact with large brilliant flower spikes; 2 feet. Pkt., 15c.

America or Globe of Fire—A free and continuous bloomer; also uniform in habit of growth; early; 2 feet. Pkt., 25c.

Fireball—Early, compact variety, and literally covered with long spikes of fiery scarlet flowers. 15 inches. Pkt., 15c.

Splendens—Beautiful bright scarlet; 3 feet. Pkt., 10c.

Farinacea—Long spikes of lavender blue flowers; 2½ feet. Pkt., 10c.

Pratinis—Perennial; bluish purple flowers in early spring; 2 to 3 feet. Pkt., 10c.

SANVITALIA PROCUMBENS—Hardy annual, suitable for beds, edgings and rockeries. Pretty yellow flowers; 6 inches. **Single or Double.** Pkt., 10c.

SAPONARIA VACCARIA—A pretty and useful annual variety; bears masses of satiny pink flowers somewhat like the enlarged Gypsophila; adding grace to any arrangement of flowers. Pkt., 5c.

Multiflora, Scarlet Queen—Very brilliant scarlet, compact habit. Pkt., 10c.

Ocymoides (P)—Hardy perennial trailing rock or border plant, producing during the summer months masses of small, bright rose flowers; 9 inches.

Pkt., 10c.

Officinalis (P)—Perennial; flowers varying from white to rose pink in July; 2 feet. Pkt., 10c.

SAXIFRAGA CORDIFOLIA (P) (Megasea)—Admirable border perennial, forming masses of handsome broad deep green foliage. The pretty rose-pink flowers stand well above the foliage. 1 foot. Pkt., 15c.

SCABIOSA GRANDIFLORA FI. PI. (Morning Bride or Pincushion Flower, etc.)—These beautiful hardy annuals are in great demand. The various shades are very charming for a cut flower; about 2½ feet. Separate colors, Soft Rose, Lavender Blue, Cherry Red, Black Purple, Sulphur Yellow, White, Fiery Scarlet or Brilliant Crimson. Pkt., 10c. Mixed. Pkt., 5c.

Caucasia (Blue Bonnet) (P)—A handsome hardy perennial, especially valuable for cutting; color soft lavender-blue. Pkt., 15c.

Caucasica Perfecta (P)—Perennial of large and fringed blooms. **Lilac or White.** Pkt., 25c.

SCHIZANTHUS (Butterfly or Fringed Flower)—Annual, neat pyramidal-bushes covered with a multitude of small butterfly-like flowers; very airy and dainty.

Grandiflora Hybridus—Rich colors. Mixed, Pkt., 10c.

Grandiflora Hybridus, Red Shades—Dwarf compact habit; large-flowering. Pkt., 10c.

Wisetonensis—Charming long and profusely blooming hybrids; many splendid shades; excellent pot plant. Pkt., 20c.

Dwarf Mixed—8 to 10 inches high. Pkt., 10c.

SEDIUM ACRE (P) (Golden Moss)—Suitable for rockery, carpet-bedding, etc. Foliage green; flowers bright yellow. Pkt., 15c.

SENECIO ELEGANS Fl. Pl. (Jacobaea)—Beautiful free-flowering hardy annual, producing dense heads of double flowers; fine cut flower. 18 inches. Mixed. Pkt., 10c.

Clivorum (P) (Groundsel)—Perennial of large leaves and heavy heads of rich orange-yellow flowers in August. Likes a moist situation. 4 to 5 feet. Pkt., 10c.

SENSITIVE PLANT (Mimosa)—Curious and interesting annual, with pinkish-white flowers. The leaves are close and droop when touched. Pkt., 5c.

SIDALCEA, ROSY GEM (P)—Handsome herbaceous perennial, producing during June and July numerous miniature hollyhock-like spikes of clear rose shade. 2 to 3 feet. Pkt., 15c.

SILENE PENDULA (Catchfly)—A very showy early flowering hardy annual bearing in quantities heads of beautiful double flowers.

Bonnettii, Dwarf Pink—Charming dwarf compact plants, thickly studded with double pink flowers. Pkt., 10c.

Bonnettii, Deep Lilac—A very showy variety. 1 foot. Pkt., 10c.

Double Mixed—An interesting mixture. Pkt., 5c.

SMILAX (Medeola Asparagoides)—Makes a fine pot or basket plant. Pkt., 10c.

SNAPDRAGON (P) (Antirrhinum)—This old-fashioned flower of giant varieties of either type, are most valuable for cutting or for show in the garden, blooming the first season from seed. Snapdragons become perennials if weathered through the first year. 18 inches to 3 feet.

Large flowering new giant varieties.

Canary Bird—Delicate yellow. **Diamond**—Dark brown, reddish-lilac throat. **Fire Flame**—Scarlet, white throat. **Golden Queen**—Deep golden, rosy-lilac throat. **Old Gold**—Golden orange, old rose throat. **Maralada**—Coppery carmine. **Nymph**—Lilac rose, white throat. **Purple King**—Glowing purple. **Rose**—Pure rose. **Snowflake**—Pure white. **Tuft of Lilac**—Deep lilac. **Wallflower**—Brown and gold or **Giant Mixed Colors**.

Each of above, per pkt., 15c.

Tall Large-Flowering Mixed—A good mixture. Pkt., 5c.

Tall Double Mixed—Large flowering; sixty per cent true double. Pkt., 15c.

Large-flowering Half-Dwarf Varieties.

Amber Queen—Rich yellow, suffused chamois-pink. **Carmine Queen**—Brilliant rose-carmine. **Empress**—Rich velvety maroon. **Fawn**—Terra-cotta pink, suffused yellow. **Gloria**—Rich deep rose. **Golden Queen**—Clear yellow. **Purity**—Pure white or **Silver Rose**—Pearly pink. Each of the above, 15c.

Half-Dwarf Varieties.

Aurora—Scarlet, white throat. **Bonfire**—Orange, buff shaded scarlet. **Black Prince**—Deep maroon. **Daphne**—Soft bluish pink. **Defiance**—Orange-scarlet. **Golden Queen**—Rich golden-yellow. **Mauve Beauty**—Soft mauve. **Salmon Queen**—Rich salmon, or **White**. Pkt., 10c. **Mixed**—Rich colors. Pkt., 5c.

Tom Thumb, Rose—Brilliant rose, admirably adapted for bedding purposes. 9 to 12 inches. Pkt., 15c.

SNOW IN SUMMER (Cerastium Tomentosum)—Hardy perennial. A very dainty dwarf, white-leaved edging plant, bearing small white flowers. Pkt., 10c.

SOLIDAGO CANADENSIS (P) (Golden Rod)—Perennial of gracefully arched sprays of golden yellow flowers. 3 feet. Pkt., 10c.

SPERGULA PILIFERA (P) (Pearl Wart)—For rockwork and edgings, forming a beautiful green carpet, covered in early summer with small white flowers. Pkt., 25c.

STATICE (Sea Lavender)—An extremely popular and beautiful plant producing all summer panicles of minute flowers wh.ch can be dried and used for winter bouquets.

Latifolia (P)—Perennial of purplish blue flowers. Pkt., 10c.

Perennial Mixed—All colors. Pkt., 5c.

Incana, Dwarf White (P) — Beautiful perennial border plant. The freely branching stems carry innumerable small pearly white flowers, which present a cloud-like appearance. Useful for bouquets. 18 inches. Pkt., 10c.

Sinuata—Charming annuals. **Blue, Mauve, Rose or Golden Yellow** (Conduellii). Pkt., 10c.

Saworowii—Very handsome annual with spikes of bright rose flowers; free bloomer. Pkt., 10c.

STELLARIA GRAMINEA AUREA (P) (Golden Stitchwort)—Creeping perennial for rockeries, with bright green foliage and small golden-yellow starry flowers. Pkt., 10c.

STOCKS (Gilliflower)—One of the most popular summer and winter blooming plants. It is unsurpassed for brilliancy and diversity of color, fragrance, profusion and duration of bloom.

Perpetual or Cut and Come Again—The leading class of large-flowered ten-week Stocks for summer blooming. **Apple Blossom, Canary Yellow, Bright Lilac, Rose, White or Mixed.** Pkt., 10c.

Dwarf Ten-Week—A fine type of the large-flowered strain. **Crimson, Canary Yellow, Apple Blossom, Blood Red, Brilliant Rose, Light Blue, Violet, White or Mixed.** Pkt., 10c.

Early Large-Flowering Winter Stocks—**Canary Yellow, Pure Yellow; Violet Purple, excellent sort. Queen Alexandra—Beautiful rosylilac. Dark Crimson—Rich crimson. Beauty of Nice—Delicate flesh pink. Mixed—All colors.** Pkt., 15c.

Winter or Biennial Brompton Stocks—Rose or crimson. Pkt., 20c.

Dwarf Bouquet Winter Stocks—Large flowers in brilliant rose or violet. Pkt., 15c.

Virginia Stock (Maritimus)—Sown early, these pretty annuals are gay in the period between the spring and summer flowers, their bright colors produce a charming effect. 6 inches. Pkt., 5c.

Evening Scented Stock (Matthiola Bicornis)—An old-fashioned annual; flowers being purplish-lilac, emit a delicious perfume during the evening and after a shower. Pkt., 5c.

STOKESIA CYANEA (P)—A rare and beautiful hardy perennial, growing about 24 inches high, and each bearing from 20 to 30 blue cornflower-like blossoms from July until frost. Pkt., 10c.

SWEET WILLIAM (P) (*Dianthus Barbatus*)—A well known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers.

Pink Beauty—Beautiful salmony rose; very effective for cutting. 18 inches. Pkt., 15c.

Scarlet Beauty—A very effective, rich deep scarlet. Pkt., 10c.

Holborn Glory—An auricula-eyed strain of extraordinary size, of the single varieties. Pkt., 10c.

Single Mixed—All colors. Pkt., 5c. **Giant Double Mixed.** Pkt., 10c.

STRAW OR EVERLASTING FLOWERS

Fine for winter bouquets. The blooms should be cut as soon as they open, tied in small bunches and dried slowly in a cool, shady place, hanging the flowers downward to keep the stems straight.

AMMOBIUM GRANDIFLORUM—Pretty everlasting; of easy culture, flowers white, 2 feet. Pkt., 5c.

ACROLINIUM—A pretty annual, with everlasting flowers, growing about one foot high. A fine plant in a mixed border. **Double Pink or White.** Pkt., 5c.

CATANANCHE COERULEA (P)—A perennial border plant; blue flowers; suitable for cutting in July and August; 2 feet. Pkt., 5c.

ECHINOPS RITO (P) (Globe Thistle)—Hardy perennial, round heads of steel-blue flowers in July and August; 3 to 5 feet. Pkt., 10c.

ERYNGIUM AMETHYSTINUM (P) (Sea Holly)—Perennial with finely cut foliage and the small, beautiful thistle-like heads of glistening amethystine blue, are produced from July to September; 2 to 3 feet. Pkt., 10c.

GOMPHRENA (Globe Amaranth)—One of the most popular of the everlastings, known as Bachelor Buttons; the flowers resemble clover heads; a fine bedding plant; choice mixed. Pkt., 5c.

GRASSES—Ornamental grasses can be used for the decorative effects in flower garden and bouquets.

Agrostis Nebulose—An airy and graceful sort, and looks like a line of mist when in bloom; 18 inches. Pkt., 10c.

Stipa Pennata (P) (Feather Grass)—Perennial, delicate white feathery blooms. If intended for bouquets, should be cut before maturity. Pkt., 10c.

HELICHRYSUM (*Monstrosum* Fl. Pl.)—One of the best everlasting, large double flowers of bright colors, prized for winter bouquets; hardy annuals. 2 feet. **Rose**, Sulphur Yellow, Dark Red, Salmon Red, Shining Yellow or Fiery Scarlet, Salmon, Rust-color or White. Pkt., 10c. Mixed colors. Pkt., 5c.

HONESTY (B) (*Moonwort*; *Money Plant*)—Hardy biennials; admired for their silvery seed pouches; they present a beautiful and rather curious appearance. 2 feet. Pkt., 5c.

RHODANTHE (*Swan River Everlasting*)—A charming annual, succeeds in a light rich soil and a warm sheltered situation; valuable for pot culture.

Maculata—Rose with dark center. Pkt., 10c.

Manglesii—Rose, very fine. Pkt., 10c.

Single Sorts—Fine Mixed. Pkt., 5c.

STATICHE (*Sea Lavender*)—An extremely popular and beautiful plant producing all summer panicles of minute flowers which can be dried and used for winter bouquets.

Latifolia—Perennial of purplish blue flowers. Pkt., 10c.

Perennial Mixed—All colors. Pkt., 5c.

Incana, **Dwarf White** (P)—Beautiful perennial border plant. The freely branching stems carry innumerable small pearly-white flowers, which present a cloud-like appearance. Useful for bouquets. 18 inches. Pkt., 10c.

Spicata—A dwarf hardy annual, producing long spikes of lilac-red everlasting flowers. 1 foot. Pkt., 10c.

Sinuata—Charming annuals. **Blue**, **Mauve**, **Rose or Golden Yellow** (*Bonduelli*).

Pkt., 10c.

Saworowii—Very handsome annual with spikes of bright rose flowers; free bloomer. Pkt., 10c.

XERANTHEMUM—Annual. Bright and pretty everlasting with silvery foliage and silky flowers in pink, white and purple. **Double Mixed**. Pkt., 5c.

THALICTRUM DIPTEROCARPUM (P)—Perennial of light and graceful habit, with loose sprays of lilac-rose flowers; thrives best on poor soil in sunny position; invaluable for cutting; 4 feet. Pkt., 25c.

Adiantifolium (P)—Perennial; elegant foliage resembling that of the Maiden-hair Fern. Admirable for bouquets, as the leaves retain their form for a long time when cut. 18 inches. Pkt., 25c.

TRITOMA HYBRIDA (P) (*Red Hot Poker*)—A very handsome and showy hardy border plant. Flowers borne in compact form on stout 3 and 4 foot stems, having the appearance of orange and red colored heads. Pkt., 15c.

TROLLIUS LEDEBOURI (P) (*Globe Flower*)—Desirable free-flowering perennial, producing giant bright orange buttercup-like blossoms from May until August. Pkt., 25c.

Orange Globe (P)—Deep orange, a superb, large-flowering variety. Pkt., 25c.

TUNICA SAXIFRAGA (P)—A neat, tufted hardy perennial plant, growing but a few inches high, bearing throughout the entire season numerous elegant pink blossoms; is especially adapted for rockery. Blooms the first season. Pkt., 10c.

VALERIANA (P) (*Garden Heliotrope*)—A showy hardy border plant; fine for bouquets; 2 feet. **Scarlet**, **Red or Mixed**. Pkt., 10c.

VERBASCUM PHOENNICUM (P)—Perennial; long, slender stems carry numerous pretty flowers in various colors. 2 feet. Pkt., 10c.

VERBENA—Annual; a carefully selected and improved strain; useful for beds, borders or window boxes. **Purple Shades**, **Brilliant Scarlet**, **Rose and Carmine Shades**, **Pink Shades or Mixed**. Pkt., 10c.

Lemon-Scented (P) (*Citriodora Aloysia*)—Pot plant. This favorite old sweet-scented perennial may be raised from seeds sown in slight heat in the spring. Pkt., 15c.

Erinoides (*Moss Verbena*)—Moss-like foliage, spreading over the ground like a carpet, above which are borne small purplish-blue and white blossoms; profuse bloomer. Fine for beds, baskets or rockeries. Pkt., 10c.

Venosa—Hardy annual, producing purple flowers; remains in bloom for a long period. Fine for groups and edgings; 1 foot. Pkt., 10c.

VINCA (*Periwinkle*)—Ornamental free-flowering bedding plants; they may be potted and kept in bloom through the winter. **Mixed**. Pkt., 10c.

VIOLETS, ODORATA SEMPERFLORENS (P)—Perennial; deep blue single, sweet scented violet. Pkt., 15c.

The Czar—Large, fragrant deep violet flowers. Pkt., 15c.

Double White—Large and fragrant. Pkt., 15c.

VISCARIA—Profuse-blooming hardy annual of large flowers somewhat like a single pink, borne on long, slender stems; very telling in masses. 1 foot. **Crimson, Rose with Dark Eye, Blue, White or Dark Red.** Pkt., 10c. Mixed colors. Pkt., 5c.

WALLFLOWER (B)—Well-known fragrant, hardy biennial, with spikes of beautiful fragrant flowers in winter months and the early spring. They reseed themselves.

Tall Single Varieties (24 inches).

Blood Red—Dark red.

Cloth of Gold—Crimson.

Fire King—Vivid Orange.

Eastern Queen—Chamois, changing to salmon-red.

Goliath—Dark brown.

Linnaeus—White.

Blue.

Ruby Gem—Violet with bluish sheen.

Pkt., 10c. Mixed—Rich colors. Pkt., 5c.

Single Semi-Dwarf Varieties (18 inches).

Brilliant Brown or Dark Brown. Pkt., 10c.

Single Tom Thumb Varieties (9 to 12 inches).

Black-brown, Canary-Yellow, Crimson or Violet. Pkt., 10c.

Tall Double Branching—Large, dense spikes. 18 inches. **Golden-Yellow, Dark Brown, Blue or Mixed.** Pkt., 15c.

Dwarf Double Branching—Quite distinct from the preceding. The bushy plants produce an abundance of closely set spikes. 9 to 12 inches. **Golden-yellow, Dark Brown or Blue.** Pkt., 15c.

Siberian Wallflower (P) (Cheiranthus Allonii)—Early flowering with gorgeous orange flowers; charming in the dwarf border and on rockeries; 9 to 12 inches. **Pkt., 10c.**

Cheranthus Kewensis (P)—Single; flowers of sulphur passing to golden and purple violet; blooms from November till spring. **Pkt., 15c.**

WILD FLOWER GARDEN—This is not a mixture of wild flowers, but of garden annuals, with a few wild species added. It contains a large number of different kinds, all of these quite hardy and varieties that will grow with the least amount of care and produce quantities of flowers for a long period. Indeed, there are so many kinds appearing in endless succession that it is a continual surprise from the time the first flower begins to blossom. We recommend it for vacant lots and waste pieces of ground. **Pkt., 10c; 1-oz., 35c.**

ZINNIA (Youth and Old Age)—These most brilliant and showy hardy annuals are desirable plants for mixed borders, or bedding purposes, and are remarkable for the profusion and duration of their flowers, which are extremely useful for bouquets. **Single, Mixed. Pkt., 5c.**

Giant Double Varieties—Gorgeous colors. $2\frac{1}{2}$ ft. **Apricot Orange, Blood Red, Bright Rose, Burnt Orange, Bright Scarlet, Crimson, Deep Flesh, Light Canary, Lavender, Purple, Salmon Rose or Mixed.** Pkt., 10c.

Double Dahlia-Flowered—The latest development in Zinnias, bearing flowers of mammoth size. **Mixed. Pkt., 20c.**

Haageana Hybrida, Double Perfection—Fine shades in various colors. **Pkt., 10c.**

Pompom Mixed—A pretty compact variety with charming small double flowers; 9 inches. **Pkt., 10c.**

Semi-Dwarf Double Mixed—A valuable class of compact habit; very free-bloomer; 1 foot. **Pkt., 10c.**

PRIZE SPENCER SWEET PEAS

Our list of Sweet Peas has been carefully revised and the varieties we offer have been selected from a large assortment and embrace only the best grown in California by the W. A. Burpee Co., Philadelphia, Pa.

Culture of Sweet Peas—Plant as early in the spring as conditions will permit. Seeds should be sown at the rate of one ounce to 15 to 25 feet. For early flowering, plant in October or November, which is best protected with a few inches of straw to insure against freezing. Work the soil well to a depth of one foot or more, using a fertilizer which should be well mixed with the soil; filling up the trench to within 3 or 4 inches of the top. Cover the seed 1 to 2 inches deep, pressing the soil down firmly. When plants are well up, thin them out to 4 or 5 inches apart, and as they advance draw the soil around them until the trench is filled to within an inch of the top. This gives a depth of roots, preserving the moisture. Keep the soil well worked; an occasional soaking being better than a daily sprinkling—but do not sprinkle the vines.

Keep the flowers cut close, which prolongs the season of blooming.

ART SHADES

Brocade—A combination of salmon, rosy lavender and rose-pink with a satiny finish; large. Pkt., 10c; oz., 35c.

Helio—Bronzy suffusion over lavender; decidedly artistic. Pkt., 10c; oz., 45c.

Prince George—Pastel rosy lilac; unique and appealing. Pkt., 10c; oz., 35c.

BLUE AND PURPLE

Sapphire—Bright Delphinium blue; large and charmingly formed flowers carried in fours on long stems. Pkt., 15c; oz., 75c.

Blue Monarch—A splendid dark blue of large size. Pkt., 10c; oz., 35c.

Bluestone—A striking shade of aniline-blue, flushed bluish violet. Pkt., 10c; oz., 35c.

Commander Godsall—Deep violet blue, large and well waved. Pkt., 10c; oz., 35c.

Mrs. Tom Jones—Bright Delphinium blue, large and beautifully waved. Pkt., 10c; oz., 35c.

Wedgwood—The finest tone of clear silver blue. Pkt., 10c; oz., 30c.

New Wedgwood—Clear blue, large and well waved. Pkt., 10c; oz., 35c.

Floradale Purple—A rich, warm, rosy purple, elegantly waved. Pkt., 10c; oz., 35c.

Royal Purple—Rich royal purple; flowers of immense size. Pkt., 10c; oz., 30c.

Purple Perfection—Rich deep purple; flowers large and well waved; profuse bloomer. Pkt., 15c; oz., 50c.

CERISE SHADES

President Harding—Peach-red; a magnificent and pleasing color; large and waved. Pkt., 15c; oz., \$1.00.

Charming—Glowing bright cerise; remarkable size. Four on stems. Pkt., 10c; oz., 40c.

Brilliant—Brilliant cherry-cerise, large flowers. Pkt., 10c; oz., 40c.

Doris—Rich cherry-pink, perfectly sunproof. Pkt., 10c; oz., 35c.

Glory—A bright glowing salmon cerise, enormous size. Pkt., 10c; oz., 35c.

Illuminator—Glowing cerise shaded salmon. Pkt., 10c; oz., 30c.

Royal Scot—Deep cerise, large and beautifully waved. Pkt., 10c; oz., 35c.

CREAM OR PRIMROSE

Champagne—An extremely deep primrose self; large and beautifully frilled; usually four on stems. Pkt., 15c; oz., 50c.

Dobbie's Cream—Deep cream or primrose. Pkt., 10c; oz., 30c.

Floradale Fairy—Rich deep cream; an old favorite. Pkt., 10c; oz., 30c.

Floradale Fairy Improved—The richest cream, large, exquisitely waved. Pkt., 10c; oz., 35c.

Matchless—A new cream variety; large and well waved. Pkt., 10c; oz., 35c.

LAVENDER AND MAUVE

Colne Valley—Giant lavender-blue self; exquisitely frilled. Pkt., 10c; oz., 40c.

Florence Nightingale—A soft, clear, rich lavender; a great favorite. Pkt., 10c; oz., 35c.

Hawlmak Lavender—Delightful pure lavender, beautifully waved. Pkt., 10c; oz., 35c.

King Mauve—A pleasing shade of rosy mauve, large and waved. Pkt., 10c; oz., 30c.

Orchid Improved—The best lavender pink; large and waved. Pkt., 10c; oz., 30c.

Powerscourt—A new pure lavender of outstanding merit; mammoth size. Pkt., 10c; oz., 35c.

R. F. Felton—Rich lavender of wonderful color and magnificent size. Pkt., 10c; oz., 30c.

MAROON

Ravenswing—An intense shade of blackish maroon; large and waved. Pkt., 10c; oz., 30c.

Hawlmak Maroon—Rich reddish maroon; large, well waved flowers. Pkt., 10c; oz., 30c.

King Manuel—Rich deep maroon; giant wavy flowered. Pkt., 10c; oz., 30c.

Warrior—Bronzy maroon; large, well waved blooms. Pkt., 10c; oz., 35c.

ORANGE SHADES

Electric—Attractive rich orange-red, suffused salmon; immense size. Pkt., 25c; oz., \$1.50.

George Sawyer—Clear, bright orange-salmon; beautifully waved. Pkt., 15c; oz., 60c.

Fordhook Orange—A magnificent orange-salmon, immense size and well waved. Pkt., 15c; oz., 50c.

Helen Lewis—Orange-rose. An old favorite. Pkt., 10c; oz., 30c.

Tangerine—Deep orange, flowers of great size and beautifully waved. Pkt., 10c; oz., 45c.

ORANGE-SCARLET

Sensation—Dazzling orange-scarlet of startling richness; large size. Pkt., 10c; oz., 35c.

Gloriosa—Glowing orange-scarlet, large, well-formed flowers. Pkt., 10c; oz., 35c.

The President—A brilliant orange-scarlet of large size. Pkt., 10c; oz., 35c.

Thomas Stevenson—Flaming orange-scarlet; standard of deeper color than the wings. Pkt., 10c; oz., 30c.

PICOTEE

Dainty—White with a distinct pink edge. Pkt., 10c; oz., 30c.

Cherub—Deep rich cream, charmingly edged, bright rose, large and free flowering. Pkt., 10c; oz., 35c.

Jean Ireland—Cream edged carmine rose; extremely large. Pkt., 10c; oz., 35c.

Mrs. Townsend—White with picottee edge of blue. Pkt., 10c; oz., 30c.

BLUSH, LIGHT PINK AND BICOLOR

Valentine—A most pleasing shade of light pink; large and waved. Pkt., 10c; oz., 35c.

Daisybud—A dainty combination of apple-blossom tints; waved. Pkt., 10c; oz., 35c.

Elfrieda Pearson—A lovely blush-pink of large size. Pkt., 10c; oz., 30c.

Elegance—A giant delicate blush-lilac. Pkt., 10c; oz., 30c.

Mrs. Cuthbertson—Giant, rosy pink standard; wings white, slightly flushed. Pkt., 10c; oz., 30c.

Sparkler—Standard bright rose, wings a lovely rosy cream; large. Pkt., 10c; oz., 30c.

CREAM PINK SHADES

Miss California—A charming tone of cream pink with a salmon and orange hue; very large. Pkt., 25c; oz., \$1.50.

Radiance—An appealing shade of La France pink; a magnificent variety. Pkt., 15c; oz., 75c.

Honor Bright—Beautiful deep rose-pink on cream ground; enormous size and well waved. Pkt., 15c; oz., 75c.

Bridesmaid—Salmon-pink on cream ground, resembling almond blossoms; large. Pkt., 10c; oz., 30c.

Caress—A lovely soft pink on cream ground; waved and immense size. Pkt., 10c; oz., 30c.

Faerie Queen—Standard cream with ray of apricot salmon, wings a rich, deep pink on cream. Of great charm and beauty; frilled. Pkt., 15c; oz., 90c.

Picture—Bright pink on cream; large and exquisitely frilled. Pkt., 10c; oz., 30c.

La France—A charming light shrimp pink. Flowers of great size. Pkt., 10c; oz., 35c.

Margaret Atlee—Rose-pink, suffused salmon on cream ground. Pkt., 10c; oz., 30c.

Margaret Atlee Improved—A deeper shade than the original. Pkt., 10c; oz., 35c.

Mrs. Hugh Dickson—Rich pinkish apricot on cream ground. Pkt., 10c; oz., 35c.

Mrs. A. Hitchcock—Soft pink, flushed salmon on cream ground. Pkt., 10c; oz., 35c.

DEEP PINK SHADES

Countess Spencer—A bright clear pink, showing a little deeper at the edges. Pkt., 10c; oz., 30c.

Hawmark Pink—Rich rose-pink, shaded salmon; large and waved. Pkt., 10c; oz., 30c.

Hawmark Salmon Pink—Rich deep pink, attractively tinted with salmon and orange; large. Pkt., 10c; oz., 35c.

Hebe—Luminous clear pink self; bloom profusely. Pkt., 10c; oz., 30c.

ROSE PINK

Renown—A magnificent clear carmine-rose; large and fluted. Pkt., 10c; oz., 35c.

Sunset—Beautiful soft rich rose. Pkt., 10c; oz., 35c.

Geo. Herbert—Rich rosy carmine; large and well waved. Pkt., 10c; oz., 30c.

Rosabelle—Deep rose self with white blotch at the base. Pkt., 10c; oz., 30c.

Rosalind—Dainty rosy carmine of enormous size and charmingly waved. Pkt., 10c; oz., 45c.

RED SHADES

Scarlet Duplex—An intense and bright pure scarlet; giant size and sunproof. Pkt., 15c; oz., 50c.

Crimson King—Rich, true crimson of great appeal; large and waved. Pkt., 10c; oz., 45c.

Charity—Brilliant crimson; well waved and sunproof; large. Pkt., 10c; oz., 30c.

Fiery Cross—Scorching deep cherry-red with an orange scarlet suffusion. Pkt., 10c; oz., 35c.

King Edward—Deep rich crimson; does not fade or scorch. Pkt., 10c; oz., 30c.

Red Ensign—Brilliant scarlet-red; large flowers. Pkt., 10c; oz., 40c.

Mrs. C. P. Tomlin—Scarlet with a touch of fiery red; remarkable for its richness and size. Pkt., 10c; oz., 30c.

Scarlet Glow—Rich glowing scarlet-red; large and fine form. Pkt., 10c; oz., 30c.

SALMON

Stirling Stent—Rich glowing salmon self, suffused with orange. Pkt., 10c; oz., 35c.
Liberty—Brilliant glowing salmon with orange cast. Pkt., 10c; oz., 35c.

STRIPED

America—Ivory-white, distinctly striped with brilliant crimson-red. Pkt., 10c; oz., 30c.

Mrs. W. J. Unwin—The ground color is white, beautifully flaked with orange-scarlet. Pkt., 10c; oz., 30c.

Loyalty—Lovely violet-blue flaked on white ground. Pkt., 10c; oz., 30c.

Senator—Combination of deep chocolate and claret striped and flaked on heliotrope. Pkt., 10c; oz., 35c.

WHITE

Giant White—A gigantic flower of exquisite form and pure color; black seeded. Pkt., 10c; oz., 35c.

King White—Remarkable for the glistening purity of the whiteness; large size. Pkt., 10c; oz., 35c.

Constance Hinton—A popular black-seeded, white-flowered variety. Pkt., 10c; oz., 30c.

MIXED COLORS

Spencer's Mixed—We have included in this combination nearly all the Spencers, making it a rare treat, and a lasting pleasure to the grower. Those preferring to grow all sorts together rather than separate colors will find this unsurpassed. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; 1 lb., \$2.50.

CUPID OR DWARF VARIETIES

Cupid or Dwarf Sweet Peas—These make a very pretty edging for walks or flower beds. The bright little flowers are borne in great profusion and make a very pleasing sight. Mixed. Pkt., 10c; oz., 45c.

PERENNIAL PEAS

Perennial Peas (Lathyrus Latifolius)—Free-flowering perennials, although lacking in fragrance, are very valuable because they will last almost indefinitely. The vines grow vigorously, often from 8 to 10 feet.

Pink Beauty, White Pearl or Red—Pkt., 15c; oz., \$1.00

Mixed Colors—Pkt., 10c; oz., 85c.

FERTILIZERS

FORD AMMONIUM SULPHATE FERTILIZER—Ford Ammonium Sulphate is not a mixed fertilizer but practically a pure salt, and is a combination of sulphuric acid and ammonia. It is obtained from the distillation of coal at the Ford Coke Ovens. The analysis for purity shows 99% sulphate, .05% acid, .15% water and .8% impurities. Ammonium Sulphate when chemically pure contains 21% nitrogen. Ford Ammonium Sulphate contains 20.8% nitrogen or available plant food. Good stable manure contains nitrogen and every farmer knows its fertilizing value. But in no other form is nitrogen so generously available as in Ammonium Sulphate. Ford Ammonium Sulphate Fertilizer—10 lbs., \$1.00; 25 lbs., \$2.50; 100 lbs., \$8.00; not mailable.

WILGROW—Wilgrow is particularly adapted for use on lawns and if our directions are followed a most beautiful dark green velvety lawn will be the result. A twenty-five pound bag of Wilgrow is sufficient for 1250 square feet of lawn, care being used that it is put on evenly and not in lumps or handfuls. **Wilgrow, the very best fertilizer**—1½ lbs., 25c; 25 lbs., \$2.00; 100 lbs., \$6.00.

Ask for circular.

Whale Meat and Bone, 100 lbs., \$5.00.

Whale Bone Meal—100 lbs., \$4.00.

Sulphate of Potash—100 lbs., \$4.00.

Nitrate of Soda—100 lbs., \$4.00.

Muriate of Potash—100 lbs., \$3.75.

Gypsum—100 lbs., \$2.00.

Blood and Bone—100 lbs., \$5.00.

Superphosphates—100 lbs., \$2.25.

Fish Meal—100 lbs., \$4.50.

Hydrated Lime—50 lbs., 75c.

Vegetable Fertilizer—100 lbs., \$4.00.

Sheep Guano—100 lbs., \$2.00.

Agricultural Sulphur—10 lbs., 85c; 25 lbs., \$2.00; 50 lbs., \$3.75; 100 lbs., \$7.

CIPPS

“CARTER’S PILLS FOR PLANTS”

One Pill per Plant per Month

CIPPS fertilizes each individual plant. You simply place the pill just below the surface of the soil and about two inches from the plant. You only use one CIPP for each plant—each month. These pills slowly dissolve and their valuable nutrition is gradually absorbed by the roots with marvelous nourishing effect. 120 pills—30c. 300 pills—60c.

STIM-U-PLANT

PLANT FOOD in Tablet Form. Most modern, efficient and scientific method of fertilizing growing plants. 30 Tablets, 25c.

HUMOGERM

Inoculate the seeds of all your legumes with Humogerm pure cultures of Nitrogen-gathering Bacteria and double the yield. At the same time you will add Nitrogen to your soil. Specific cultures for each legume—Peas, Beans, Clover, Alfalfa, Vetch, Sweet Peas.

Small Farm Size, 5 acres.....	\$5.00	Trial Farm Size, 1 acre.....	\$1.50
Garden Size, ¼ acre.....	.50	Half Garden Size, ⅛ acre.....	.25

ALL CROP HUMOGERM

1 Acre Size	\$1.00	5 Acre Size	\$4.00
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TUBEROUS-ROOTED BEGONIAS

This splendid class of Begonias is perhaps the handsomest of all bedding plants for shady or semi-shaded locations. Bulbs may be started in pots early in February or in the open later in the spring. They prefer a rich, sandy loam and should be covered to a depth of two to three inches.

GIANT DOUBLE BEGONIAS—Blooms are so double they often have the appearance of solid round balls of velvet-like petals.

Pink, Rose, Orange, Crimson or Scarlet, 35c each; doz., \$3.50.

Giant Double Mixed Begonias—A choice mixture. Each, 30c; doz., \$3.00.

Giant Ruffled Double Begonias—Large ruffled-edge blooms with a solid crested center. Mixed colors. Each, 35c; doz., \$3.50.

Giant Single Mixed—Flowers are of mammoth size. Each, 25c; doz., \$2.50.

CANNAS

Cannas are stately and very ornamental plants of semi-tropical appearance, and are very desirable for groups and masses. The plants branch from the roots, with very large broad leaves, and produce clusters of large flowers, in a great variety of brilliant colors, from August until killed by frost. Following are a few of the most desirable varieties. It is best to start roots in March in pots and transplant.

King Hubert—Scarlet flowers; bronze foliage; a great favorite. Each, 20c.

The President—Immense flaming scarlet; rich green foliage; 4 feet. Each, 25c.

Yellow King Hubert—Deep rich yellow, spotted red; 4 feet. Each, 20c.

DAHLIAS

Dahlias will grow in any good garden soil, preferably one that contains a little sand. The best time for planting is in May, placing the tuber on its side at a depth of about 6 inches, in ground that has been previously well cultivated. Cultivate freely until ready to bloom, then deep tillage must cease and only the surface be lightly stirred, as deep cultivation at this time is fatal to blooming. Do not use commercial fertilizer until the plant starts growth, then work it into the top soil, 5 to 6 inches from plant.

All tubers sent out by us are in a healthy condition, with one or more eyes or sprouts. Order early, before the supply of many varieties is exhausted, as we fill orders in the order they are received.

Postage extra on all bulbs. Those wishing to have their bulbs insured, please send 5 cents extra for insurance.

CACTUS DAHLIA TYPE

Break O'Day (H. C.)—Clear sulphur yellow.....	\$0.35
Bianca (H. C.)—Pale lavender, fine cut flower.....	.50
Edna Spencer (H. C.)—Orchid pink, very beautiful.....	.50
Golden West (C)—Deep rich yellow, fine cut flower.....	.35
Helen Durnbaugh (H. C.)—Delicate blush pink and white.....	.50
Kalif, (H. C.)—Pure scarlet with incurved petals.....	.50
Kola Poca (H. C.)—Bright yellow splotched red.....	.50
La Favorita (H. C.)—Brilliant orange, fine stem.....	.65
New Moon (H. C.)—Canary yellow, tipped white.....	.65
Radiant Beam (H. C.)—Lovely bronze with a golden sheen.....	.50
Ruth Van Fleet (H. C.)—Canary yellow.....	.50
Surprise (C)—Orange amber shading to yellow.....	.35
Valpariso (C)—Coral red, very profuse bloomer.....	.35
Vicar of Wasperton (C)—Three shades of pink.....	.50
Wedan (H. C.)—Old rose and gold, fine stems.....	.35

DAHLIAS (Continued)

DECORATIVE DAHLIA TYPE

Aumon Rau (D)—Also called Sun God; copper and reddish bronze, very large..	\$1.50
Columbia (D)—Rose, gold center; a beauty.....	.35
Chas. Sneider (D)—Soft carmine red.....	.50
Carmencita (D)—Yellow splashed red.....	.65
Dr. Harry Tevis (D)—Old rose and gold.....	.50
Delighted (D)—Mammoth pure white flower.....	.35
Delice (D)—Light pink, fine cut flower.....	.35
Exmouth Glory (D)—Yellow and orange, tipped white.....	.35
G. M. Goodrich (D)—Old rose and gold, fine for cutting.....	.35
Glorioux (D)—Golden yellow tipped white.....	.75
Good Bye Delice (D)—Bright pink, one of the best.....	.65
Geo. E. Wright (D)—Salmon and mauve; perfect form.....	.65
Gold of Ophir (D)—Soft yellow, tinted red.....	.50
Hiyian Moonlight (D)—Full lemon yellow, white tips.....	.75
H. Robinson (D)—Bright yellow; one of our best.....	.50
Judge Marean (D)—Salmon pink, carmine center.....	.75
Kumomo (D)—Old gold, very striking.....	.50
Mrs. I. de Ver Warner (D)—Deep rosy mauve.....	.75
Mrs. Carl Salbach (D)—Lavender pink, perfect blooms.....	.65
Marcella Gill (D)—Clear soft pink; good keeper.....	.35
Mabel Darling (D)—Violet gold and old rose.....	.50
Mable Taft (D)—Soft, fine yellow; very full.....	.50
Prince Alexander (D)—Rose blended with cream and yellow.....	.65
Princess Juliana (D)—One of our best whites.....	.35
Rosa Nell (D)—Large, clear, bright rose; fine stems.....	.65
Shasta (D)—Large, white, shaded cream.....	.35
Star of Wash. (D)—Lavender with yellow base.....	.35
Seabright (D)—Golden yellow; fine for cutting.....	.35
Stunner (D)—Canary yellow; fine stems.....	.65
White Pearl (D)—Pure white; one of the best.....	.65
World's Wonder (D)—Golden salmon; very large.....	.65

PEONY DAHLIA TYPE

Aunt Aliza (P)—Deep velvety red; a prize.....	\$0.65
Jessie Seal (P)—Old rose with gold shading.....	.50
Oriana (P)—Lovely lavender with yellow center.....	.35
U. S. A. (P)—Immense bronze orange or old gold.....	.75
Puna (P)—Apricot buff, orange rose reverse.....	.65
Madonna (P)—Silvery white; a lovely flower.....	.35

POM POM DAHLIAS

25c Each

Bobby—Rich plum color.	Leader—Yellow tipped pink.
Clara Harsh—Yellow tipped pink.	Leuchstern—Orange and yellow.
Eunice—White shaded purple.	Nora Reynolds—Soft orange red.
Glow—Old rose.	Neatness—Pale salmon, cream center.
Heckla—Small pure white.	Vivid—Brilliant scarlet.
Hilda Serie—Bright deep orange.	

GLADIOLUS

Postage Extra

The culture of the Gladiolus is so simple as to render it the most satisfactory of garden flowers, thriving and blooming with the least care and attention; making a display which for beauty of bloom and brilliancy of coloring is unequalled by any other flower. Set the bulbs 6 to 8 inches deep in rows and about 6 inches apart.

BLUE, PURPLE AND MAUVE SHADES

Anna Eberius—Velvety purple, throat shading deeper. Each, 10c; doz., \$1.00.
 Byron Hulot—Deed violet blue, fine flowers of fine color. Each, 10c; doz., \$1.00.
 Byron L. Smith—Lavender pink, creamy throat. Each, 10c; doz., \$1.00.
 Herada—Large blooms of clear mauve, deeper at throat. Each, 10c; doz., \$1.00.
 Violet—Rich deep violet, deeper at throat. Each, 15c; doz., \$1.25.

CREAM AND WHITE SHADES

Gold Measure—Large, clear, rich yellow. Each, 10c; doz., \$1.00.
 Lily White—Snow white, with pale lavender tint at throat. Each, 10c; doz., \$1.00.
 Schwaben—Soft, pure yellow, little red stripe at throat. Each, 7c; doz., 75c.

ORANGE AND SALMON SHADES

Alice Tiplady (Primulinus)—Large flower of good orange. Each, 10c; doz., \$1.00.
 Anthony Zonker—Deep salmon rose, darker throat. Each, 25c; doz., \$2.50.
 Jack London—Light salmon with red lines. Each, 15c; doz., \$1.25.
 Ming Toy (Prim.)—Deep buff, yellow throat. Each, 15c; doz., \$1.25.
 Prince of Wales—Delicate salmon rose of great value. Each, 7c; doz., 75c.
 Miss Spokane—Large flowers of orange pink. Each, 15c; doz., \$1.25.

PINK SHADES

Evelyn Kirtland—Delicate pink, with deep rose pink throat. Each, 10c; doz., \$1.00.
 Gretchen Zang—Soft tint of pink blending into scarlet. Each, 10c; doz., \$1.00.
 E. J. Shaylor—Large flowers of pure deep pink; ruffled. Each, 15c; doz., \$1.50.
 L. Marechal Foch—Enormous blossoms of flesh pink. Each, 10c; doz., \$1.00.
 Mrs. Dr. Norton—Cream pink in a wonderful blending. Each, 10c; doz., \$1.00.
 Mrs. Frank Pendleton—Bright pink with carmine blotch at throat. Each, 8c; doz., 75c.
 Panama—Wide open flowers of clear pink. Each, 8c; doz., 75c.
 Richard Diener—Beautiful geranium pink, large. Each, 35c; doz., \$3.00.
 Rose Ash—Ashes of roses, large stately spikes, beautiful. Each, 15c; doz., \$1.75.
 Pink Wonder—Beautiful bright pink; large. Each, 25c; doz., \$2.50.
 Wilbrink—Flesh pink. Sport of Halley with its good qualities. Each, 7c; doz., 75c.

RED SHADES

Crimson Glow—Large flowers of glowing crimson. Grand. Each, 10c; doz., \$1.00.
 Early Sunrise—Very large red-shaded orange; early. Each, 15c; doz., \$1.25.
 Purple Glory—Giant deep maroon, heavily ruffled. Each, 25c; doz., \$1.50.
 Scarlano—Fine bright orange-red. Nicely ruffled. Each, 15c; doz., \$1.25.

MIXED

Gladiolus Mixed—A splendid mixture. Doz., 50c.
 Primulinus Mixed—A beautiful class of dainty and graceful flowers. Doz., 50c.
 Call and see our exhibit of Gladiolus during the season.

HARDY JAPANESE LILIES

Postage Extra.

For beauty and fragrance, nothing can equal these grand flowers. Plant early spring or late fall; work the ground thoroughly before planting lilies, adding leaf mould and sand under and around bulbs. Plant 6 to 8 inches deep where bulbs can remain for 5 or 6 years.

Lilium Auratum (Gold Banded Lily)—Large white, dotted chocolate-crimson with a golden band running through the center of each petal. Large bulbs. **Each, 35c.**

Auratum Platypillum—Improved *Lilium Auratum*. Large flowers. **Each, 50c.**

Speciosum Album—Large pure white. Large bulbs. **Each, 35c.**

Speciosum Rubrum—Rose heavily spotted rich crimson. Large bulbs. **Each, 35c.**

Speciosum Melpomene—Rich red, heavily spotted. **Each, 35c.**

Speciosum Magnificum—Rich carmine, margined white. Large flowers. **Each, 50c.**

Tigrinum (Tiger Lily)—Single, bright orange-red, spotted black. **Each, 35c.**

Tigrinum fl. pl.—Double, bright orange red, spotted black. **Each, 35c.**

Henryi—Apricot-yellow, lightly spotted brown. **Each, 35c.**

Giganteum (Easter Lily)—White. **Each, 35c.**

Candidum (Annunciation or St. Joseph Lily)—Pure white. To be planted in early fall only. **Each, 50c.**

Lilium Regale (*Myriophyllum*)—White with pink rib blending into white; golden yellow at the throat. Large flowers, blooming in July. **Each, 50c.**

CALLA LILY

Godfrey—Pure white, free bloomer. **Each, 20c.**

LILY OF THE VALLEY

Delicate, bell-shaped, white, fragrant flowers. Plant in the open ground where plants can remain undisturbed in a shady situation of rich, sandy soil.

Doz., 75c; 100, \$5.00.

PEONIES

Postage Extra

Peonies, especially the modern introductions, are probably the most valuable and most beloved of all perennial plants. Plant in sun or semi-shade. They may be planted in the fall or spring, but fall planting is more satisfactory. Avoid planting too deeply, 2 or 3 inches of soil over crown being sufficient, and do not transplant the clumps for at least 5 years and then only if necessary. Fertilize during summer months.

Abel Carrier—Dark violet maroon. **60c.**

Alsace-Lorraine—Cream tinted yellow. **\$2.50.**

Delachei—Deep rich crimson. **65c.**

Claire Dubois—Large satin pink. **\$1.10.**

Dorchester—Fine Hydrangea pink, full and compact; late. **60c.**

Duchess of Orleans—Deep pink, salmon center; a good cut flower variety. **60c.**

Edulis Superba—The Decoration Day Peony; early, rose pink, fragrant. **60c.**

E. G. Hill—Tyrian rose, silver edged. **\$1.50.**

Felix Crousse—Large round double clear brilliant red; fragrant. **75c.**

Festiva Maxima—Large white, carmine spotted; fragrant. **60c.**

Fragrans—Solferino red. **50c.**

Gen. Dodds—Tyrian rose; large; very fine. **65c.**

Livingston—Lilac rose tipped silver pink. **90c.**

Mme. Leonie Calot—Shell pink, center rose; superb bloom. **75c.**

Marie Crousse—Soft salmon pink. **\$2.00.**

Marie Lemoine—Pure white, cream center. **75c.**

Officinalis Rubra—Early large crimson. **75c.**

Queen Victoria—White, blush tinted. **50c.**

TUBEROSES—THE PEARL

One of the most delightfully fragrant summer flowering bulbs of pure white flowers borne on long stems. If planted early in a warm place in good sized pots and in May moved to open ground, leaving in pots which may be taken up in the fall for house culture. **Each, 10c; doz., \$1.00.**

ROSES

Planting and Care

In our favored section Roses attain a perfection seldom equaled, but one cannot expect them to thrive and bloom unless you care for them. We offer the following simple suggestions:

Roses may be planted any time the weather is open, after November 1 until May 1. These dates vary some with the weather.

Bushes should be set two to three feet apart. In planting budded stock, always cover the bud at least two to three inches. Avoid planting alongside a building, tight fence or wall.

Soil—Any good, well-drained garden soil, enriched with fertilizer, will give excellent results. If heavy clay soil, mulch well with burnt earth and manure, rotted sod or leaf mold.

Watering—When setting out, water regularly until roots are well set, then about once a week, unless the ground is very dry; in such cases more often. Do not get the foliage wet after a hot day. This causes mildew.

Fertilizer—Our Wilgrow odorless fertilizer will give excellent results and should always be applied after the plants start their growth. For fall fertilizing Bone Meal well worked into the soil.

Finally—Keep the surface well worked around the roots. This is as necessary as water or fertilizer. When planting cut back freely, and the bush will recover quickly.

Two-year-old Field Grown Roses—Our stock of roses includes such kinds as we find desirable and the best for this climate. They are all large, sturdy field grown plants, 2 years old or more.

N. B.—We can furnish most of the choice and new novelties in roses. If they are not listed write for wants and quotations.

RED SHADES

Admiral Ward, H. T.—Crimson, shaded fiery red; large, full globular flowers. \$1.00.

American Beauty, H. P.—One of the largest, sweetest and best; rich crimson. 75c.

Autumn Tints, T.—Coppery red, shaded with orange and salmon. Rich foliage. \$1.25.

Avoca, H. T.—Crimson scarlet, large and full. \$1.00.

Ariandise, T.—Scarlet with apricot center. \$1.50.

Capt. Geo. Dresser, H. T.—Rich red shaded crimson. \$1.00.

Chameleone, H. T.—Pure flame, edged cerise. \$1.00.

Charles K. Douglas, H. T.—Brilliant scarlet flushed crimson. \$1.00.

Chateau de Ceos Vouglot, H. T.—Crimson center, fiery scarlet tip. \$1.00.

Crimson Queen, H. T.—Large, rich velvety crimson. \$1.00.

Crusader, H. T.—Rich velvety crimson. \$1.50.

Diadem, H. T.—Orange crimson, suffused salmon and coppery yellow; large, glossy foliage. \$2.00.

Edward Mawley, H. T.—Bright velvety scarlet, medium size. 75c.

Etoille de France, H. T.—Deep velvety crimson, good foliage. 75c.

General McArthur, H. T.—Dark velvety crimson; one of the best for bedding. 75c.

Hawlmak Crimson, H. T.—Deep maroon, with almost black pencilings. \$2.00.

Hawlmak Scarlet, H. T.—Brilliant scarlet without shadings. \$2.00.

Henrietta, H. T.—Orange crimson to coral salmon. \$1.00

Hoosier Beauty, H. T.—Glowing crimson with dark shadings. \$1.00.

Hugh Dickson, H. P.—Brilliant crimson tinted scarlet; very large. 75c.

K. of K., H. T.—Intense scarlet, wonderful color, semi-double. \$1.00.

Mad. Ed. Herriott (Daily Mail), Pern.—Coral red shaded orange and scarlet. \$1.00.

Mrs. Raymond de Escofet, Pern.—Intense flame crimson, vigorous. \$1.50.

YELLOW AND ORANGE SHADES

Christine, H. T.—Deepest and clearest golden yellow; shiny foliage. \$1.50.
 Cleveland, H. T.—Coppery-yellow flushed reddish yellow at base. \$1.00.
 Duchess of Wellington, H. T.—Intense saffron yellow, tinted copper and crimson. \$1.00.
 Elegante, H. T.—Long sulphur yellow buds, full and globular. \$1.50.
 Flame of Fire, H. T.—Deep orange colorings; very attractive. \$1.25.
 Florence Chenowith, H. T.—Orange yellow, Sport of Herriot. \$1.50.
 Golden Emblem, Pern.—Clear deep golden yellow; good foliage. \$1.50.
 Golden Ophelia, H. T.—Rich golden yellow, stout stems. \$1.00.
 Independence Day, Pern.—Rich golden yellow; most attractive. \$1.50.
 Joseph Baud, Pern.—Orange red bud, golden yellow and orange bloom. \$1.50.
 Lady Dunleath, H. T.—Pale yellow, deep golden yellow center. \$1.00.
 Lady Hillington, T.—Deep orange yellow without shadings. \$1.00.
 Lady Pirrie, H. T.—Deep coppery orange shaded apricot orange. \$1.00.
 Mable Morse, H. T.—Clear golden yellow without shadings. \$2.00.
 Mrs. Aaron Word, H. T.—Indian yellow; free flowering. \$1.00.
 Sunburst, H. T.—Orange yellow and golden yellow. \$1.00.

PINK SHADES

Betty, H. T.—Copper rose shaded golden yellow. 75c.
 Columbia, H. T.—Bright peach pink, deepens as it opens. \$1.00.
 Cornelia, H. T.—Bud salmon pink, flowers flesh pink. \$1.50.
 Dorothy Page Roberts, H. T.—Coppery pink, suffused apricot yellow. 75c.
 Hill's America, H. T.—Glowing rosy pink, large and keeps well. \$2.00.
 Humboldt, H. T.—Long buds, large flower of bright pink. \$1.50.
 Irish Elegance, H. T.—Apricot shaded orange pink, single flowers; long-pointed buds. 75c.
 Joseph Hill, H. T.—Salmon pink shaded apricot yellow. 75c.
 Juliet, Pern.—Outside of petals gold, inside rich rosy red. 75c.
 La France, H. T.—Bright silvery pink. 75c.
 Lady Ashtown, H. T.—Deep rose shaded silvery pink; yellow base. 75c.
 Los Angeles, H. T.—Flame pink shaded coral; large and full. \$1.00.
 Lulu, H. T.—Orange salmon and rich' pink; long buds. \$1.50.
 Lyon, H. T.—Shrimp pink, shaded red and chrome yellow. \$1.00.
 Madame Caroline Testout, H. T.—Satiny rose pink; full and double. 75c.
 Madame Leon Pain, H. T.—Silvery pink with orange and yellow center. 75c.
 Madame Abel Chatenay, H. T.—Rose carmine tinted salmon; a free bloomer. 75c.
 My Maryland, H. T.—Clear salmon pink, large and fragrant. \$1.00.
 Premier, H. T.—Dark pink, large flowers. \$1.00.
 Radiance, H. T.—Brilliant rosy carmine. \$1.00.
 Rose Marie, H. T.—Deep rose pink, shading clear cerise at edges. \$1.00.
 Sour. De George Beckwith, Pern.—Shrimp pink, shade chrome yellow. \$1.50.
 Winnie Davis, H. T.—Light lively pink of good habit. 75c.

WHITE SHADES

Candeur Lyonnaise, H. P.—Large, pure white flowers; long, oval buds. Improved F. K. Druschki. \$1.00.
 Edel, H. T.—Ivory white; a stately, well-shaped flower; large. \$1.00.
 Mrs. David McKee, H. T.—Creamy white; large and of strong habits. \$1.00.
 Mrs. Herbert Stevens, T.—Snowy white, shaded peach apricot at center. \$1.00.

CLIMBING ROSES

RED SHADES

Bess Lovette, H. W.—Double bright red, fragrant flowers, borne on long, stiff stems. 75c.

Chat. de Clos Vouglot, H. T.—Dark crimson scarlet of vigorous growth. \$1.00.

Gen. McArthur, H. T.—A good velvety scarlet climber. \$1.00.

Hadley, H. T.—Large, deep velvety crimson. \$1.00.

Hoosier Beauty, H. T.—Deep crimson with dark shadings. \$1.00.

H. V. Machin, H. T.—Largest dark red hybrid Tea Climber. \$1.00.

Louise Katherine Breslau, Pern.—A lovely shade of reddish orange. \$1.50.

PINK SHADES

American Pillar, Mult.—Single cherry pink, white eye. 75c.

Belle Siebrecht, H. T.—Large, bright, rosy-pink; buds long and tapering. 75c.

Climbing Cecile Brunner, H. Poly.—Rosy pink on creamy white ground. 75c.

Dorothy Perkins—Clusters of pink flowers. 75c.

Lady Ashton, H. T.—Deep rose shading to silvery pink. \$1.00.

Mad. Abel Chatenay, H. T.—Carmine rose shaded salmon. \$1.00.

Mad. Caroline Testout, H. T.—Glowing pink. Vigorous and hardy. 75c.

Ophelia, H. T.—Delicate salmon and orange; buds long and tapering. \$1.00.

YELLOW AND ORANGE SHADES

Lady Hillingdon—Deep apricot yellow base, petals chrome yellow. \$1.00.

Sunburst—Rich chrome yellow shaded orange-copper. \$1.00.

Climbing Yellow Cecile Brunner, H. Poly.—A yellow baby climber. \$1.50.

Cloth of Gold, N.—Full flowers of sulphur yellow; glossy foliage. 75c.

Emily Gray, H. W.—Long, golden yellow buds; large flower. \$1.50.

WHITE SHADES

Frau Karl Druschki, H. P.—Pure white, long pointed buds. 75c.

Kaiserin A. Victoria, H. T.—White, same as dwarf variety. \$1.00.

Silver Moon, H. W.—Pure white with clear yellow streamers; large and single. 75c.

POLYANTHUS OR BABY ROSES

Baby Doll or Tip Top—Golden yellow, tipped with clear bright cerise. 75c.

Etoile de Luisaute or Baby Harriot—Shrimp pink suffused coppery yellow. 75c.

La Marne—Bright salmon shaded old rose. 75c.

Mad. Jules Gouschault—Bright vermillion red. 75c.

Mme. Cecile Brunner Pink—Bright rose pink shaded salmon pink. 75c.

Mme. Cecile Brunner White—White tinted flesh. 75c.

Marvel of Reds—A semi-double red, light center. 75c.

Orleans—Brilliant geranium red and cerise. 75c.

Perle D'or—Golden yellow with orange center. 75c.

FRUIT AND ORNAMENTAL TREES, ETC.

We deliver only choice, healthy trees, bushes, etc., and use every endeavor to see that you get only such stock as will insure you success. A great many of the failures with nursery stock are due to the manner in which they are handled after being taken from the nursery.

Immediately on receipt of trees, shrubs, etc., have them set or carefully heeled in until such time as you can set them out permanently; do not allow the roots of trees, shrubs or plants to be exposed to the sun or wind; often an hour's exposure will kill the hardiest tree.

When planting, dig a hole large enough to accommodate the root system without bending or bunching the roots, also somewhat deeper than you expect to set the tree, so that you can fill in several inches of good soil mixed with well rotted manure or bone meal, before setting the tree, etc. Then set the tree, placing the roots as nearly as possible in a natural position; fill in opening about half with fine dirt, then grasp the tree, lifting and shaking it slightly, letting the fine dirt sift in and around the root system; thoroughly saturate the fine dirt just placed with water, so that the dirt will adhere to the roots. Then fill in balance of opening with dry dirt, packing firmly in and around the tree, setting the tree somewhat deeper than it was in the nursery. Always prune the root system of all bruised or broken ends of roots, making clean cuts from the under side of root outward before planting the tree, prune top back until it is not larger than the root system.

We are in close connection with one of the largest and best nurseries in the Northwest, and can supply all orders with good, strong, healthy stock, free from insects and true to name. All orders will be packed at the nursery; it will, therefore, take from two to five days before they can be shipped.

The following list comprises the varieties suited to this climate. If other varieties are wanted let us know. We may be able to supply same.

We do not substitute unless we receive special instructions to that effect. If stock is sold out money will be refunded.

APPLES

One year or light two year old, 4 to 6 feet, each 75c; extra heavy, two year old, each \$1.00. Big specimen trees, each, \$1.50 to \$2.00.

SUMMER AND FALL

Early Harvest—Yellow, medium size.
Red Astrachan—Deep crimson, large.
Duchess of Oldenberg—Red and yellow.
Fameuse (Snow)—Deep crimson streaked, flesh snowy white.
Gravenstein—Bright red and yellow; one of the best for this climate.

Waxen—Rich yellow, crisp, tender and juicy.
Wealthy—Yellow shaded with deep red.
Yellow Transparent—Yellow very early, Best quality.
Yellow Bellflower—Rich yellow, highly flavored.

WINTER

Arkansas Black—Medium size, dark red; a late keeper.
Baldwin—Red; a leading winter apple.
Delicious—Thrifty grower, quality and
Grimes Golden—Golden yellow, high flavor unsurpassed. Very sweet.
quality.
Jonathan—Red; fine for table and market.
King of Tompkins County—Yellowish, shaded with red.
Mammoth Black Twig—Red; large, late keeper.
Northern Spy—Greenish, brown ribbed, good keeper, fine quality.
Rhode Island Greening—Greenish yellow; rich and tender.

Rome Beauty—Yellow with red, aromatic taste.
Red Rome Beauty—New; bright red; finest quality; similar to Rome Beauty.
Spitzenberg Esopus—Splashed red, yellowish, juicy. Delicious rich flavor.
Stayman Winesap—Improved Winesap.
Wagener—Dark red; flesh firm; sub-acid. Early and continuous bearer.
Winesap—Dark red, medium size. Excellent late keeper.
Winter Banana—Golden yellow, shaded red; large; excellent flavor.
Yellow Newton Pippin—Fine flavor; one of the best keepers.

CRAB APPLES

Prices Same as Apples.

Florence—Large red.
 Hyslop—Dark crimson.
 Red Siberian—Red cheek on yellow ground.

Transcendent—Red cheek.
 Yellow Siberian—Small golden yellow.

CHERRIES

One year or light two year old, four to six feet, each, \$1.50. Select extra heavy two year old, each, \$2.00. Very large trees, \$2.50 to \$3.00 each.

SWEET

Bing—Very large; black with solid meat.
 Black Republican—Black, medium size.
 Black Tartarian—Medium black; very early.

Lambert—Very large dark red; fine shipper.
 Royal Ann—Light red on yellow ground.

SOUR

Early Richmond (Kentish)—Red, medium size.
 English Morello—Medium to large blackish red.

Late Duke—Very large; dark red.
 May Duke—Medium size; dark red.
 Montmorency—Large bright red.

PEARS

One year or light two year old, four to six feet, each, 85c. Extra heavy two year old, each, \$1.50. Big trees, \$2.00 to \$2.50.

Bartlett—Large; bluish cheek; August.
 Beurre d'Anjou—Large; best late keeper; October and November.
 Beurre Clairgeau—Large, late.
 Flemish Beauty—Extra large; good keeper.

Fall Butter—Good fall pear.
 Winter Bartlett—Large, good quality.
 Winter Nellis—Medium size; good winter pear.
 Worden Seckle—Small reddish cheek. November.

PLUMS

One year or light two year old, \$1.00. Selected two year old, \$1.50 to \$2.25 each.

Blue Damson—Fruit small; dark purple.
 Bradshaw—Large, dark purple, juicy.
 Burbank (Japan)—Red cheek on yellow ground.
 Climax—Large dark red; flesh yellow; juicy.
 Columbia—Large; dark purple; sugary.

Green Gage—Small; greenish yellow.
 Jefferson—Large; yellow red cheeks.
 Peach Plum—Largest size; red cheek, early.
 Yellow Egg—Largest size; yellow, sweet.

PRUNES

One year, each, \$1.00; two year, each, \$1.25; three year, each, \$1.50.
 French (Petite d'Agen)—Medium; red-dish purple.
 Italian—Dark purple; sweet drying and shipping variety.
 Silver—Large; sweet; good dryer.
 Sugar—Large; purple; rich; sweet.

Tenant—Large size; purple; Italian variety.
 Tragedy—Medium size; dark purple; rich; sweet.
 Hungarian—Largest; bright red.

PEACHES

One and two year old, \$1.25 to \$1.75 and \$2.25 each.
 Alexander—Large; Clingstone variety; very juicy.
 Early Crawford—Large yellow; magnificient; popular.
 Alberta—Large; yellow; red streaks;

rich and juicy.
 Philip's Cling—Large yellow, rich and highly flavored.
 Salaway—Large; yellow flesh; late.

APRICOTS

Selected one and two year old, \$1.50 to \$2.00 each.
 Moorpark—Orange; flesh very bright orange; large.

Royal—Large yellow with orange cheek.
 Blenheim—Large; deep yellow.

NECTARINE

Boston—The best variety. Each, \$1.50.

QUINCE

One, two and three year old, \$1.50 to \$2.00

Champion—Large; of excellent flavor. Orange—Large; golden color.
Prolific.

BLACKBERRIES

Each, 25c; dozen, \$2.00; 100, \$12.00.

Evergreen.

Lawton.

Himalaya Giant or Everbearing.

New Mammoth.

Kittatinny.

Phenomenal—Two year, each, 35c; doz.

\$3.50. Extra large plants, 50c.

Cory Thornless Blackberry (New)—This is the Blackberry long looked for. Identical with the Himalaya Giant except entirely thornless, making it easier to cultivate and possible to pick three times as many in a day. Fruit is large, small core, almost seedless, jet black and finest flavor. The culture and trellising is the same as for the Himalaya. Four of the strongest vines should be trained on wires, pruned annually and no suckers allowed to grow at base of plant. Big, 2-year-old plants, each, 50c; dozen, \$5.00. Large, well-rooted tips, each, 20c; dozen, \$2.00; 100, \$15.00.

RASPBERRIES

Cuthbert—Red. Each, 15c; doz., \$1.50; Plum Farmer. Each, 20c; doz., \$2.00
100, \$7.50.

Gregg—Blackcap. Each, 20c; doz., \$2.00.

LOGANBERRY

Two year old plants, each, 25c; dozen, \$2.50.

Tips, each, 10c; dozen, \$1.00

PHENOMENAL BERRY

Originated by Luther Burbank; a cross between the Red Raspberry and Dewberry. Called an improved form of Loganberry; larger, more productive and sweeter, but soft and not so good for shipping. Each, 50c; dozen, \$4.50.

CURRANTS

25c each; dozen, \$2.50; extra large, 35c each; dozen, \$3.50.

Cherry—Red.

Fay's Prolific—Red.

Perfection—Red.

GOOSEBERRIES

Oregon Champion—Each, 25c; dozen, \$2.50.

Poorman—Large yellow. Each, 50c; dozen, \$5.00.

Pearl—Yellowish green. Each, 50c; dozen, \$5.00.

Red Jacket (Josselyn)—Large, prolific. Each, 50c; dozen, \$5.00.

GRAPES

Each, 50c; per dozen, \$3.50. Selected heavy stock, 75c each.

Agawam—Large pink.

Island Belle—Improved Concord. 1 yr.

Brighton—Large pink.

35c.

Campbell's Early—Black.

Each, Heavy plant, 75c; dozen, \$7.50.

Delaware—Light red.

2 yr.

Moore's Early—Large blue.

Niagara—Yellow; large and sweet.

Worden—Black.

STRAWBERRIES

Per doz. Per 100

Clark's Seedling	25c	\$1.35	Americus, Everlasting	40c	\$2.50
Magoon	25c	1.35	Superb, Everlasting	40c	2.50
Marshall	25	1.35	Progressive, Everbearing	40c	2.50

ORNAMENTAL AND DECIDUOUS SHRUBS

Azalea Mollis—Assorted colors. Each, \$2.00 to \$6.00.
 Barberia—Purple leaved. 50c to \$1.00.
 Barberia, Japanese—Dwarf. 50c to \$1.00.
 Buddleia—Butterfly or Summer Lilac. \$1.00.
 Calycanthus Floridus—Sweet scented shrub. \$1.00.
 Deutzia, Gracilis Rosea—Dwarf. Light rose. \$1.00.
 Deutzia, Pride of Rochester—Tall; double; white. \$1.00.
 Forsythia Fortunei—Fortune's Golden Bell. 75c.
 Forsythia Viridissima—Golden yellow flowers. 75c.
 Hibiscus Althea—Rose of Sharon. 75c.
 Hydrangea, Avalanche—Pure white flowers. \$2.50.
 Hydrangea, Bouquet Rose—Rosy pink. \$2.00.
 Hydrangea Hortensis—Rose colored flowers. \$1.50 up.

Hydrangea Paniculata Grandiflora. \$1.50 up.
 Lilac—Syringa Persica var. Alba. White. \$1.50 up.
 Lilac—Charles X. French. Single. Purple. \$1.50 up.
 Syringa, Philadelphus—Mock orange. 75c up.
 Snowball—Viburnum Opulus Sterilis. \$1.50 up.
 Snowball, Japanese—Viburnum Plicatum. \$1.00 up.
 Spirea, Anthony Waterer—Dwarf. Crimson. 50c up.
 Spirea, Bridal Wreath—Double. Pure white. 75c up.
 Spirea, Thunberg's—Dwarf. Pure white flowers. 75c up.
 Spirea, Van Houtte—Most popular. White. 75c up.
 Weigela, Candida—Pure white. 75c up.
 Weigela, Eva Rathke—Deep carmine red. \$1.00 up.
 Weigela, Rosea Nana Variegata—Variegated. \$1.00 up.

ORNAMENTAL DECIDUOUS TREES

Beech (Fagus Purpurea)—Purple leaved Beech. \$5.00 each.
 Birch, Betula Alba—European White Birch. \$2.50 to \$5.00 each.
 Catalpa Bungei—Chinese Catalpa. 6-8 ft. \$5.00 to \$7.50.
 Catalpa Speciosa—Hardy Catalpa. \$5.00 to \$7.00 each.
 Crab, Flowering, Pyrus Bechtel—Double. Pink. \$3.50 to \$5.00.
 Chestnut, Horse—White flowering. \$1.50 to \$5.00 each.
 Chestnut, Horse—Double flowering. White. \$1.50 to \$4.00 each.
 Elm, Ulmus Americana—American White Elm. \$1.50 to \$2.50 each.
 Laburnum—Golden Chain, 4 to 6 ft. \$1.50 to \$3.50 each.

EVERGREEN SHRUBS

Aucuba Japonica—Japanese Laurel. \$1.50 to \$5.00 each.
 Arbutus Unedo—Strawberry Tree. \$2.00 each.
 Azalea Indica—Broad leaved Evergreen \$2.50 to \$4.00 each.
 Buxus Sempervirens Suffruticosa—Dwarf Box. Each, 25c up.
 Broom, Cytisus Alba—Spanish Broom. White. Each, 50c up.
 Broom, Cytisus Scoparius var. Andreanus—Flowers yellow with brown wings. 50c up.
 Broom, Cytisus Scoparius—Scotch Broom. Yellow. 35c up.

Cotoneaster Horizontalis—Trailing. Red berries. \$1.00 up.
 Cotoneaster Microphylla—Dwarf. Red berries. \$1.00 up.
 Cotoneaster Simonisii—Shining Leaf Cotoneaster. \$1.00 up.
 Heather, Erica Vulgaris—Scotch Heather. 75c.
 Heather, Erica Vulgaris Alba—White flowered. 75c up.
 Laurel, Prunus Laurocerasus—English Laurel. 50c up.
 Laurel, Prunus Lusitanica—Portugal Laurel. \$1.50 up.

EVERGREEN SHRUBS

Laurustinus, Viburnum Tinus—White flowers. \$1.00 to \$5.00 each.	Hypericum Japonicus Alba Marginatus—\$1.00 each.
Mahonia Aquifolium—Oregon Grape. 50c each.	Hypericum Japonicus Argento Variegatus—\$1.00 each.
Hypericum Hircinum—Bushy, erect. 50c each.	Hypericum Japonica Aureus—Golden leaved. \$1.00 each.
Hypericum Moseranum—Gold Flower. 75c each.	Privet, Ligustrum Ovalifolium—California Privet. 50c to \$5.00 each.
Hypericum Japonicus—Evergreen Evonymus. 75c up.	Privet, Ligustrum Variegata—Leaves green and gold. 25c each; \$2.00 doz.
	Veronica—Cancerwort. 25c up.

EVERGREEN TREES

Arborvitae—Thuya Occidentalis. American. \$1.50 to \$5.00 each.	Juniper—Virginia. Red Cedar. \$1.50 to \$7.50 each.
Cypress, Lawson—\$1.50 to \$10.00 each.	Juniper—Japanese Creeping Juniper. \$2.50 to \$10.00 each.
Cypress, Lawson, Erect, Green—12 to 18 inches. \$1.00 to \$5.00 each.	Juniper—Juniperus Sabina. Sabian's Juniper. \$1.00 to \$2.00.
Cypress, Lawson, Yellow—\$3.00 to \$15.00 each.	Juniper—Juniperus Hibernica. Irish Juniper. \$2.50 to \$10.00 each.
Cypress, Lawsoniana Pendula—\$3.00 to \$15.00 each.	Juniper—Variegated Irish Yew. \$5.00 to \$25.00.
Cypress, Lawsoniana Triomph de Beskoop—\$3.00 to \$15.00 each.	Pine—Pinus Nigra. Austrian Pine, 4 to 7 ft. \$1.50 to \$5.00 each.
Cedar—Deodora, Himalayan, or Indian Cedar. \$2.50 to \$15.00 each.	Retinispora Plumosa—Plumed Cypress. \$2.50 to \$5.00 each.
Cedar—Atlantica. Mt. Atlas Cedar. \$2.50 to \$15.00 each.	Retinispora Plumosa Aurea—Golden Plumed. \$2.50 to \$5.00 each.
Cedar—Cedar of Lebanon. \$2.50 to 15.00 each.	Spruce—Norway Spruce. \$2.50 to 10.00 each.
Holly—English Holly. Berry bearing plants. \$2.00 to \$10.00 each.	Spruce—Colorado or Koster's Blue Spruce. \$2.50 to \$10.00 each.
Holly—Variegated English Holly. Berry bearing plants. \$2.50 to \$25.00.	

Ornamental and Nut-bearing Trees**MULBERRY**

One and two year old, \$1.50 each.

Downings Everbearing—Very large and black.	Russian—Small fruit. tree hardy and prolific.
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ALMONDS

One year old, \$1.00. Heavy, selected two and three year old, \$1.50 to \$2.00.	Nonpareil—Large; full kernel; soft shell.
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CHESTNUTS

Selected heavy two to three year old, three to four feet, \$1.50 to \$2.50.	Spanish or Italian—Large nuts; produces abundantly.
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FILBERTS—Hazelnut

Three to five feet, each, \$1.50 to \$2.50.	Barcelona—Very large; first quality.
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English—Full flesh; sweet.

Du Chilly—Full fleshed, largest grown.

WALNUTS

One to two feet, 75c; two to four feet, \$1.00; four to six feet, \$1.50; six to eight feet, \$2.50; eight to ten feet, \$3.50 to \$5.00.	thrifty bearer.
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Butternut or White Walnut—Large long nut; bears earlier than the English.

English Walnut (Franquette)—Hardy,

English Walnuts—Grafted 4-6 ft., each, \$2.00.

Butternut or White Walnut.

HARDY HERBACEOUS PERENNIALS

Large plants or clumps, each 25c; per doz., \$2.50; unless otherwise noted.

Achillea—The Pearl.
 Aconitum, Nepellus—Blue.
 Alyssum, Saxatile—Yellow.
 Anchusa, Dropmore—Blue.
 Anemone (Wind Flower)—White.
 Aquilegia—Long spurred varieties.
 Arabis (Snow on the Mountain).
 Aster, Michaelmas Daisy.
 Aubrieta—Purple or pink shades.
 Bellis (English Daisy—Red, pink and white.
 Canterbury Bell—Pink, white, blue.
 Carnation—Pink, red, white.
 Cerastium (Snow-in-Summer).
 Chrysanthemums, Hardy—Red, white, yellow, bronze, pink.
 Coreopsis (Lanceolata).
 Delphinium (Hardy Larkspur).
 Dianthus (Hardy Pinks).
 Dicentra (Bleeding Heart)—Each 75c.
 Digitalis (Foxglove).
 Doronicum (Yellow African Daisy).
 Gaillardia (Blanket Flower).
 Geum, Mrs. Bradshaw—Red.
 Geum, Lady Stratheden—Yellow. Each, 30c.
 Golden Glow (Rudbeckia).
 Gypsophila Paniculata (Baby's Breath).
 Helianthus (Hardy Sunflower)—Single and double.

Hemerocallis—Yellow Day Lily.
 Heuchera Sanguinea—Crimson.
 Hollyhock—Crimson, scarlet, salmon, white.
 Iberis, Gibraltica—Lavender.
 Lavender—Evergreen.
 Linum, Perenne—Blue.
 Lychnis, Chalcedonia—Scarlet.
 Lupinus, Polyphyllus—Blue.
 Myosotis, Dissitiflora (Forget-Me-Nots).
 Phlox—Scarlet, heliotrope, blue, pink, purple, lavender, white. Each, 35c.
 Poppy, Nudicaule (Iceland).
 Poppy, Oriental—Scarlet, pink. 35c.
 Polyanthus—Giant mixed.
 Pyrethrum, Mixed.
 Scabiosa, Caucasica—Lavender, blue.
 Statice, Latifolia.
 Stokesia, Cyanea—Blue.
 Sweet William—Red, pink.
 Thyme—Silver.
 Tritoma Phitzeri (Red Hot Poker)—Orange scarlet. Each, 30c.
 Veronica, Spicata.
 Viola Cornuta.
 Viola—Dark purple.
 Violets.
 Wallflower—Yellow, blood red, salmon, crimson.

CLIMBING AND TRAILING PLANTS

Ampelopsis Quinquefolia—Virginia creeper. Each, 50c to \$1.00.
 Ampelopsis Engelmannii (Imp. Boston Ivy)—75c to \$1.50 each.
 Ampelopsis Veitchii (Boston Ivy)—75c to \$1.50 each.
 Clematis Henrii—Large creamy white flowers. \$1.00 each.

Clematis Jackmanii—Purple flowers. \$1.50 each.
 Clematis Paniculata—New Japanese sweet scented. 50c.
 Ivy English—Evergreen. 25c to 50c.
 Wistaria Chinensis—Purple. \$1.00 to 2.50 each.
 Honeysuckle—Hall's Japanese, or Halleanum. 75c to \$1.00 each.

NURSERYMEN'S SUPPLIES

Tree Labels
 Painted Iron Wire—Per 100, 35c; per 1,000, \$2.75.
 Unpainted Iron Wire—Per 100, 30c; per 1,000, \$2.25.
 Painted Copper Wire—Per 100, 50c; per 1,000, \$4.50.
 Unpainted Copper Wire—Per 100, 25c; per 1,000, \$4.00.
 Pot Labels
 4-inch, Plain—Per 100, 25c; 1,000, \$1.50.
 Painted, 1,000, \$2.00.
 5-inch, Plain—Per 100, 30c; 1,000, \$2.25.
 Painted—1,000, \$2.50.

6-inch, Plain—Per 100, 30c; 1,000, \$2.25.
 Painted—1,000, \$2.50.
 8-inch, Plain—Per 100, 40c; 1,000, \$3.00.
 Painted—1,000, \$3.25.
 Grafting Wax—1 lb., 40c. Add postage if wanted by mail, 8c.
 Raffia-Natural Color—1/4 lb., 10c; per lb., 25c. Postage extra, 7c lb.
 Raffia, Colored—Oz., 10c.
 Tree Pruners—For roses and small fruit. \$1.50 each.
 Tree Pruners—Ottey, double clinch. \$4.00 each.
 Rose Pruners—Each, \$1.50.

INSECTICIDES AND FUNGICIDES

Rex Sulphur Lime Solution. A solution manufactured under special process that insures the user a product that is UNIFORM, RELIABLE, EFFICIENT.

A solution in which the proper amount of SULPHUR, in its most EFFICIENT form, is developed.

A solution which has borne the test of time both in uses and experimentation.

"Rex" is an INSECTICIDE and a FUNGICIDE; it is manufactured at NINE different plants throughout the principal fruit sections of the country.

"REX" is first of all a QUALITY article, and can be procured in all the principal fruit districts of the country.

"REX" has been many times IMITATED, but not DUPLICATED; this has been demonstrated by its continual use by leading orchardists throughout the United States.

You may investigate—we believe the material has been examined by nearly every EXPERIMENT STATION located in a fruit producing STATE in the United States, as well as the testimonials from thousands of satisfied users.

Ask your dealer for Special Rex Bulletin. It is free for the asking.

PRICES

1 quart	\$0.35	Buhack— $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb.,
$\frac{1}{2}$ gallon	.50	\$1.10.
1 gallon	1.00	Hellebore— $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb.,
5 gallons	\$2.75	60c.
10 gallons	5.25	Fish Soap—Lb., 15c.
50 gallon barrel	15.00	Bluestone—1 lb., 15c; 2 lbs., 25c.
Arsenate of Lead— $\frac{1}{2}$ lb., 40c; 1 lb., 70c; 5 lbs., \$2.50.		Dry Lime Sulphur Solution—Lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.35; 25 lbs., \$4.50.
Dry Bordeaux—1 lb., 35c.		Fly-Tox—Kills Flies, Moths, Mosquitoes, Roaches, Fleas. $\frac{1}{2}$ Pints, 50c.
Paris Green— $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 65c.		Hammond's Slug Shot—1 lb., 20c; 5 lbs., 75c.
Sulphur—Lb., 10c; 3 lbs., 25c.		Seedolin—Pt., 25c; $\frac{1}{4}$ gal., 50c; $\frac{1}{2}$ gal., 75c; gal., \$1.00.
Black Leaf 40—Oz., 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.50; 10 lbs., \$13.50.		Redimade— $\frac{1}{4}$ lb., 25c.
Tobacco Dust—Lb., 15c; 2 lbs., 25c.		

SPRAY PUMPS AND SPRAYERS

Baby Midget—A well constructed tin sprayer for fruit and flowers. 35c.

Ideal—Fine mist sprayer; larger than the above, for poultry and stock. 50c.

Glass Tank Sprayer—One quart Mason jar, not affected by spraying material. 85c.

Continuous Tin Sprayer—One quart sprayer. \$1.00.

Continuous, Galvanized—One quart sprayer. \$1.25.

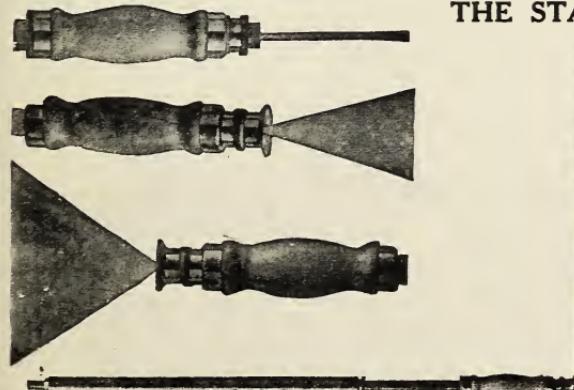
Robinson's Continuous All Brass Hand Sprayer. \$1.75.

No. C-2-B—Lever handle, bucket pump. \$7.50.

Lowell Baby Fountain Compressed Air Sprayer—For spraying trees, shrubs, green-house, poultry houses. 1 gallon Galvanized, \$5.00.

Planet—Compressed Air Sprayer. Galvanized, \$6.50; brass, \$9.50.

THE STANDARD SPRAY PUMP



The Standard is the busy man's sprayer. Always ready; saves half the time of doing the work. This is without doubt the best Spray Pump that has ever been offered to the buying public. It is simple, durable and powerful, and is equally good for field, garden or orchard work. It is made of brass, with two solid brass valves; it is provided with two nozzles, 3½ feet of hose and strainer. It is warranted unconditionally for five years. No need of unwieldy extension rods, ladders or platforms. It will do the work in one-third the time required by any other sprayer. It will spray a large orchard when used with a barrel. One man will do better and faster work than two men with an ordinary barrel pump. It will white-wash cow stables and chicken houses, sprays cattle dip and disinfectants. Owing to the construction of the Standard Spray Pump, the force is sufficient to cover the highest fruit tree and penetrate the thickest foliage-reaching the vital parts of the tree. Used with a knapsack potato attachment it will spray a field of potatoes, one row at a time, as fast as a man can walk. Everyone who has used this pump or seen it used is an enthusiastic booster for it, and we like to sell it, for it always makes a satisfied customer of the person who buys it. No man with a spot of ground to call his own can afford to be without this pump. The price is so reasonable that it is within the reach of all. Weight, 6 lbs.

The Standard is provided with a set of three nozzles.

Warranted for Five Years

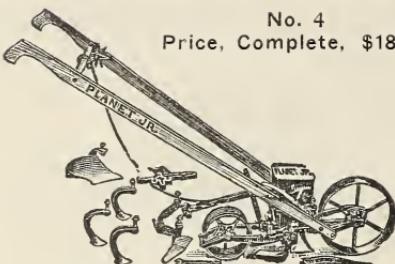
The Standard, with 3½ feet of hose, full set nozzles and extension rod.....	\$6.50
Knapsack attachment	\$3.75
Without extension rod.....	.20

5.50

Planet Jr. Garden Tools

No. 4

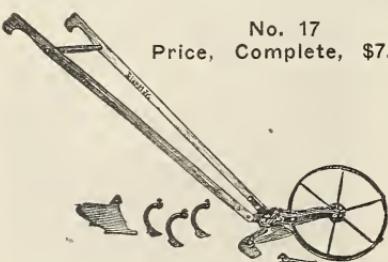
Price, Complete, \$18.00



The best combination of hill and drill seeder on the market today. Used more than any other. Sows vegetable seed at the proper depth; drops in drills. Complete cultivation attachments.

No. 17

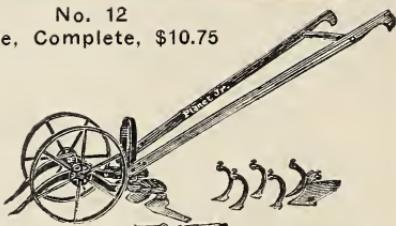
Price, Complete, \$7.75



Equipment, one garden plow, three steel cultivator teeth and pair six-inch hoes. Does practically the same work of the Double Wheel Hoe, but is lighter.

No. 12

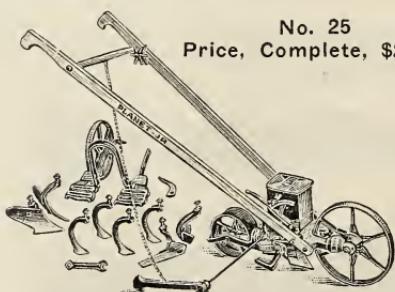
Price, Complete, \$10.75



A combination of a double and single wheel hoe. Very useful in the home or market garden; a double wheel hoe. The rows can be worked at one time; the assortment of attachments combine, making it very useful.

No. 25

Price, Complete, \$21.50



Recognized as the best combined seeder and combined cultivator on the market today. Cultivates two rows at once, furrowing, hillling and all.

POULTRY AND STOCK FOODS, REMEDIES AND INSECTICIDES

Poultry Pepper—Our Mexican chili pepper is a necessity for laying hens during the moulting season. One tablespoonful in a mash to 12 to 14 fowls. Lb., 25c; 5 lbs., \$1.00.

Charcoal—Our charcoal is prepared for from dust. A good thing for bowel chickens; it is granulated and is free trouble, sour crop and indigestion; a health preserver; two sizes, Chick and Hen. Per lb., 10c; 3 lbs., 25c.

Granulated Bone—Our granulated bone is made from hard white raw bones, and is of a superior quality; an indispensable food for laying hens. Per lb., 6c.

Granulated Shell—By analysis almost the same as the shell of the egg. Per lb., 2½c.

Grit—Every poultry raiser should keep a supply of grit in his feeding pens. All fowls must have a supply of good sharp grit to grind their food at all times. Made in two sizes. Per lb., 2½c.

Blatchford's Milk Mash—For growing chicks. 3 lb., 25c; 10 lbs., 75c; 25 lbs., \$1.50.

Chick Food—Is composed of a variety of grains cut to the proper size for baby chicks. Containing the proper elements for success with your baby chicks. Market price.

Developing Food—Should be used after the fourth or fifth week to insure the proper growth of bone and muscle in the growing chick. Market price.

Scratch Food—Our brand of scratch is a combination of a variety of grains forming a well balanced ration for the laying hens and growing fowls. Market price.

Laying Mash—A mixture of sound, sweet, nutritious grains in ground form to which is added a liberal supply of fish meal and alfalfa meal. Market price.

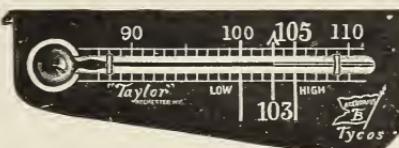
Beef Scraps—These are the very best that the market affords; to keep hens laying all winter feed three times a week, using about a handful to each three chicks in a hot morning mash. Lb., 10c; 3 lbs., 25c; 100 lbs., ask for prices.

Pigeon Food—A balanced ration for pigeons. 4 lbs., 25c.

Zenoleum—A disinfectant sheep dip, insecticide and lice killer. Zenoleum is much stronger and much safer than

carbolic acid; endorsed by the leading agricultural stations in the United States. Small cans, 35c; pts., 50c; qts., 75c; ½ gal., \$1.25; gal., \$2.00.

TYCOS INCUBATOR THERMOMETER



THERMOMETERS

Taylor's Incubator Hygrometer. \$1.75. Taylor's Incubator Thermometer. \$1.00. Taylor's Incubator Thermometer, certified. \$1.25.

Taylor's Brooder Thermometer. \$1.25. Fleischmann's Yeast. For stock and poultry. 1 lb., \$1.00; 2½ lbs., \$2.00.

Champion Egg Scale—The grading of eggs become very important because well-graded eggs are in great demand. The Champion Egg Scale is made to meet all requirements, grading 16, 19, 22, 24, 26 ounces. Price, \$2.00.

Parcel Post Egg Case—You can mail eggs in this crate 150 miles with return of crate for 3¼ cents a dozen. Size, 12 dozen. Each, 90c.

Individual Boxes—Intended for use in delivering eggs to private families. Price, 1 doz. size, 15c; 100, \$1.00.

Conkey's Roup Remedy—30c-60c pkg. **Conkey's White Diarrhoea Remedy**—30c-60c pkg.

Conkey's Cholera Remedy—30c-60c pkg. **Conkey's Limberneck**—60c pkg.

Conkey's Lice Powder—30c pkg. **Conkey's Poultry Tonic**—30c pkg.

Pratt's White Diarrhoea—25c. **Pratt's Cholera Remedy**—25c.

Pratt's Chicken Pox Remedy—25c. **Pratt's Grape Remedy**—30c.

Pratt's Head Lice Ointment—30c. **Pratt's Roup Remedy**—25c.

Pratt's Roup Pills—25c. **Pratt's Poultry Laxative**—25c.

Pratt's Scaly Leg Remedy—30c. **Pratt's Black Head Remedy**—25c.

Pratt's Bronchitis Remedy—25c. **Pratt's Poultry Regulator**—It builds up vitality, promotes sound digestion, sharpens appetite, thus helping to put birds into condition for heavy egg laying. Put up in 25c and 50c packages. 9 lbs., box, \$1.10.

FOOD REMEDIES AND INSECTICIDES (Continued)

Licene—Is a scientific composition possessing strong lice extermination and antiseptic properties for destroying lice and eggs of lice, for scaly leg, etc.; applied to lice on chicks. Per tube, 60c.

Avicol—Recommended as an aid in the treatment and prevention of infections of Chickens, Pigeons and Turkeys. White Diarrhoea, Cholera, Black Head, etc. Price 50c.

Diarrene—For white diarrhoea in chicks and bacterial enteritis in older birds. Pkg., 60c.

Favene—For favus, a disease of the skin similar to scrofula or eczema in the human being. 60c tube.

Liverene—For inflammation of the liver. Box, 60c.

Pipene—For the treatment of roup in fowls, usually once will completely cure. In badly advanced cases it will be necessary to use Coldine in connection with Pipene. Pkg., 60c.

Poxene—For chicken pox. It is also given to correct the blood and to disinfect the intestines. It also acts as a laxative. 60c box.

Rumatine—For rheumatism in chickens. Box, 60c.

Tonene—A tonic for chickens; useful when the chicken is moulting. Box, 60c.

Lee's Germozene—For poultry. The cure that cures. Its action is marvelous. Never fails to cure bowel complaint, cholera, roup, colds, etc. Whatever malady threatens, Germozene will cure or prevent. Don't be without it. Liquid. 50c and 75c.

Don Sung—Guaranteed to put your hens in good health and make them lay. 50c and \$1.00 per package.

Oculum for Chickens—A remedy and preventive for cholera, roup, white diarrhoea and sore head. 50c and \$1.

Epsom Salts—Lb., 10c.

Tarx—A solidified soluble coal tar product for cattle, sheep, hogs, horses and poultry; put up in cubes. Five cubes make five gallons spray or wash. Tubes, 5 for 25c.

Creosote—Used as a lice and mite exterminator, also as a wood preserver. 1/2 gal., 50c; 1 gal., 90c.

Sodium Fluoride—For lice on poultry and fleas on dogs and cats. 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 50c.



Leader—Latest and best adjustable leg band out. Has neat, compact and smooth fastening, with no catching points; easily attached and is absolutely secure. Price, 12 for 15c; 25 for 25c; 50 for 45c; 100 for 70c.

Spiral Colored Leg Bands—Made like a key ring—easy to put on, nothing to catch or tear off—instantly identifies your birds as far as you can see the color. All sizes from chick to mature fowls. Doz., 10c; 100, 50c.

Moe's Food Troughs—Galvanized iron. Each, 45c, 65c, 85c.

Moe's Galvanized Grit and Shell Boxes—Each, 75c, \$1.10, \$1.25.

Moe's Green Food Holder—Each, \$1.00.

Moe's Round Baby Chick Feeder—Each, 15c and 25c.

Moe's Never Fail Trap Nests—\$1.00 and \$1.25.

Star Jar Fountain—10c each.

China Nest Eggs—Best grade opal eggs. Dozen, 25c.

Kow Kare—Per pkg., 65c and \$1.25.

Conkey's Fly Knocker—Qt., 60c; 1/2 gal., \$1.00; gal., \$1.75.

Bag Balm—A soothing, penetrating ointment for all infections of the cow's bag. Pkg., 65c.

Garget Cure—A complete and positive remedy for garget. Pkt., 65c.

Oil Meal Cake—A high concentrated food fed in connection with other foods is of great value, using 4 to 16 ozs. for hogs, according to size. For cattle and horses use from 8 to 16 ozs. according to size and should always be mixed with other food. 5 lbs., 25c.

Tobacco Treatment for Worms in Poultry—**Wet Mash Treatment**—Steep 1 pound of tobacco powder two hours in enough water to keep the dust well covered. Mix with 4 quarts of mash. Feed this dose during the mid-afternoon to 100 birds which have been fasted since the previous day. Take care that each bird gets its share and no more. Two hours later, feed 1 lb. of Epsom Salts dissolved in water and mixed into 3 quarts of mash. Repeat the above treatment one week later. Price, per 2-lb., 25c.

SINGING AND DECORATIVE BIRDS

ST. ANDREASBERG CANARIES

These beautiful birds are the favorite songbird for the home, bringing cheer and contentment with their joyous song. We make a specialty of Canaries and have on hand at all times a supply of the celebrated St. Andreasberg (Bell Note Rollers), considered the finest singers among the Canaries. These birds are handled only by experts, who train their vocal powers. Can you imagine a Canary singing parts of a song to the tune of a flute or violin. That is what the St. Andreasberg Rollers do. And he does more—he will imitate the tones of silvery bells that sound like chimes in the distance.

These birds are raised and taught in the Hartz Mountain district, Germany. During the education of St. Andreasberg Canaries a close watch is kept on every bird and any that make the slightest mistake or sound a discordant note are immediately taken away. For the home nothing can be more appropriate than a soft, soothing, well-trained St. Andreasberg Canary.

Male Birds—In full song, \$12.50 to \$15.00 each.

Female Birds—For breeding, \$5.00 each.

AMERICAN OR DOMESTIC CANARIES

We have in stock at all times a fine collection of American Canaries in full song, of beautiful orange and linnet colors. Their notes are louder and more penetrating than the soft notes of the St. Andreasberg Canaries. They are more appropriate for theatre, banquet halls and large rooms.

Male Birds—In full song, \$7.00 to \$10.00 each.

Female Birds—For breeding, \$1.25 up.

WE ALSO STOCK THE FOLLOWING BIRDS

Strawberry, Zebra, Gold, Society and Spice Finches, Mask Weavers, Black Hooded Nuns, Golden Amandines, Blue and White Javas, California Linnets, Non-pareils, Zebra and Australian Doves, Cockatoos, Cocateels, Lorys, Parkeets (or Love Birds), Macaws, Mexican, Panama and Dwarf Parrots. Price on application.

BIRD ACCESSORIES

Jacob Kaufmann Co.'s Special Mixture, put up from specially recleaned seeds, bright, clean, pure and wholesome; from one of the best formulas, without Hemp. Price 20c lb. (Postage extra.)

Jacob Kaufmann Co.'s Hemp Mixture has a small amount of Hemp, for those who wish to feed Hemp. Put up with the same care as our other Seeds. Price 20c lb. (Postage extra.)

Bird Bitters—A specific for the restoration of song and an unfailing remedy for nearly all the diseases of cage birds. Price 25c.

Birdolene—Will improve the bird's voice; a relief for loss of song, hoarseness, asthma, shedding of feathers out of season; also a preventative against most diseases common to canaries and seed eating birds. Price 20c.



Jacob Kaufmann Co.'s Special Roller Mixture Bird Seed is of unsurpassed quality. It is thoroughly cleaned and dustless. Our Special Roller Mixture contains just the proper proportions of Canary Sweet Rape, Poppy Seed, Flax Seed and Groats to make it palatable. Price 25c lb. (Postage extra.)

Jacob Kaufmann Co. Oriental Mixture, a special mixture for Oriental Canaries, Love Birds, etc. 20c lb. (Postage extra.)

Henning's Tonic—For the prevention and cure of all diseases which cage birds are subject to; colds, asthma, hard breathing, shedding of feathers out of season, diarrhoea, etc. Price 15c.

Spratt's Quinella (Tibbs)—For inflammation of the bowels and other derangements of Birds. Price 30c.

Spratt's Color Food—Color food for canaries for natural red plumage; specially prepared. Price 25c.

BIRD ACCESSORIES

Song Restorer (Dahotas)—A special treat for canaries and other song birds; this song restorer is of the highest advantage to seed-eating birds that are moulting and also to those that have lost their voice on account of colds, drafts, etc. Price 15c.

Spratt's Song Restorer—A treat and tonic for Canaries, Linnets and all seed-eating birds. Per can, 25c.

Plumage Restorer—For restoring the plumage of parrots, canaries and other cage birds. Price 25c.

Mite Powder—For mites, lice, parasites, etc. Price 25c.

Moulting Pepper—For changing the plumage of canaries from yellow to red. Price 25c.

Mocking Bird Food—Suitable also for thrush, blackbirds, robins and all soft billed birds. Price 50c.

Cod Liver Oil—Cage bird food; is an invigorating and healthy preserving diet for canaries, etc. A substitute for egg food, being less expensive and more easily prepared. It is a valuable tonic, a flesh and bone maker, keeping the birds in perfect health. Price 15c.

Nestling Food—A substitute for hard boiled egg and cracker, fed to young canaries. Price 25c.

Kaempfer's Bird Laxative Tablets—A remedy for constipation. Price 25c.

Kaempfer's Bird Asthma Tablets—A remedy for asthma, colds, hoarseness, and all throat trouble. Price 25c.

Kaempfer's Bird Diarrhoea Tablets—A remedy for diarrhoea and all bowel trouble common to cage birds. Price 25c.

Mexican Salve—Is used for the loss of plumage, sores, abrasions and wounds of domestic animals, such as canaries and other pet birds, dogs, cats, horses, cows, etc. Price 25c.

Bird Eye Water—A specific for the cure of sore eyes and inflammation of the eye lids of all kinds of cage birds and other domestic pets. Price 25c.

Spratt's Ants Eggs—For Mocking Birds, Larks, Thrushes, Robins and other soft billed birds, young Pheasants, Quail. Price 25c.

Bird Manna—It keeps the birds in constant song. Improves the plumage and prevents disease of seed-eating birds. Price 15c.

Spratt's Canaryne (Tibbs)—For asthma and wheezing in cage birds. Per bottle, 25c.

Piep (Wonder Food)—For Canaries and all cage birds. Manufactured according to the formula of Prof. Dr. Schultz of Berlin. A food of merit composed of various herbs, minerals and nutritive salts essential to cage birds. Price 20c.

Buker's Bird Roll—For Canaries and all cage birds; keeps birds in health, song and plumage; restores loss of song and prevents diseases of cage birds. Price 15c.

Phenolated Brassic Oil—For mites, parasites, etc. 25c.

Parrot Food—A special prepared food for parrots, gulah and cockatoos, of sunflower, rice and other seeds. 20c lb., 2 lbs. 35c. (Postage extra.)

Parrot Tablets—To keep parrots from picking out their feathers and for maintaining parrots in good general condition of the bowels. Price 25c.

Kaempfer's Parrot Remedy—For colds, diarrhoea, all bowel and stomach disorders. Price 35c.

Kaempfer's Parrot Tablets—For diarrhoea, bloody flux or any deranged condition of the bowels. Price 25c.

Spratt's Parrot Tonic—Is a specially prepared tonic for Parrots, Cockatoos, etc., also suitable for Canaries and other cage birds. All birds in confinement require a little tonic medicine during moulting, and this tonic will be found most beneficial. Price 35c bottle.

Bird Tonic (Max Geisler's)—This medicine is of great value to birds which have lost their appetite, or when their bowels are out of order (diarrhoea or constipation), and is a certain cure for all diseases caused by weak stomach. Price 25c bottle.

Parrot Spray (Max Geisler)—A liquid spray for Parrots, to brighten their plumage. Price 35c bottle.

Max Geisler's Maizeau Bird Biscuit—A combination of eggs with other ingredients suitable for song birds. 20c.

Max Geisler's song and moulting food for birds out of condition. Price 20c.

Millet, Golden German—Pound, 15c.

Lettuce Seed—For canaries. Pound, 50c.

Pepper Pod (Chili)—For Canaries. Ounce, 5c.

BIRD ACCESSORIES

Sunflower—White domestic. Pound, 15c.

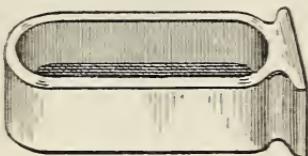
Paddy Rice—For Parrots, Cockatoos and Macaws. Pound 15c.

Gravel—Philadelphia Red Gravel. Pound, 10c.

Jacob Kaufmann Co.'s Birdgravel—Put up in 2-lb. packages for cage birds. Price 10c.

Gravel Paper—For the bottom of bird cages. Keeps the bird in health and song, prevents the bottom of the cage from rusting, forms an artificial ground for birds to scratch upon. Dozen sheets, 30c.

A sanitary porcelain cup that holds just enough for one feeding. Designed especially for use in giving tonics. Price 5c.



Opal Food Dish

Cage Springs—This spring is made of extra fine wire which gives easy movement to the bird. Price 15c to 35c.

Cage Brackets—Plated and lacquered. Each 30c and 40c.

Canary Swings and Hangers. This swing is especially attractive; has light perch. Price 10c to \$1.25.

Shell Feed and Water Cups—Can be used for either food or water. Fits any cage. Price 15c.

Canary Leg Bands—Celluloid, assorted colors. Doz., 25c.

Aluminum Bands—With number. Doz., 30c.

Kaempfer's Bird Liniment—A prompt and efficient remedy for all diseases of the feet. Price 25c.

Kaempfer's Foot Ointment—For all foot trouble. Price 25c.

High Balls—Will improve the bird's voice and keep him in song. Price 15c.

Canary Seed—Imported Sicily. 15c and 20c pound.

Imported Sweet Rape Seed—For canaries. Pound, 20c.

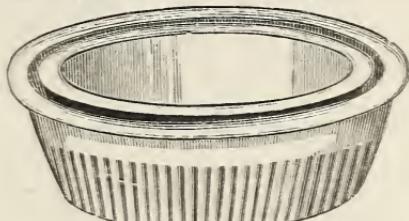
Hemp Seed—Used in mixtures. Pound, 15c.

Maw (Blue Poppy)—For canaries. Per pound, 75c.

Niger Seed—For all cage birds. Pound 75c.

Parrot Cups—Indestructible galvanized cast iron for food and water. 50c each.

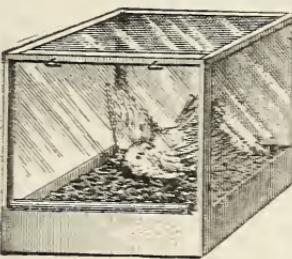
Cuttle Bone—A polished bone especially for cage birds. Price 5c up.



Canary Bath

These are of porcelain construction and will last indefinitely.

Opal Price 15c
Plain Price 15c



Canary Bath House

Of white enameled tin top glass sides. It fits the door of any cage and it is impossible for the bird to splash water.

Price 85c.

Wire Nest with Swivel 4 inches in diameter; vermin proof. Adapted to all breeding cages. Price 15c.

Bird Nesting—Clean, sanitary nesting of deer hair makes a warm bed. Price 10c.

Canary Whistles—For starting canaries singing, water filed notes, great imitators. 10c, 15c.

Brass Wire Guards—For preventing seeds dropping from cages with clasp for fastening. 2½ in. 25c ft.; 3½ in., 40c ft.

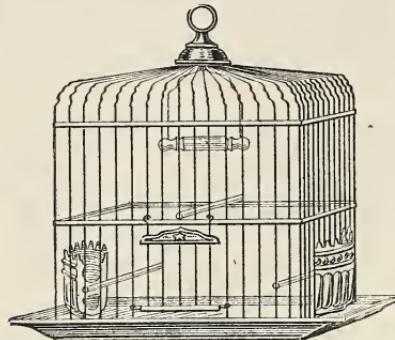
Brass Cuttle Bone Holder—For fastening cuttlebone on cages. 5c, 10c, 15c each.

Feed and Water Cups—For wicker and Chinese cages. 20c and 25c each.

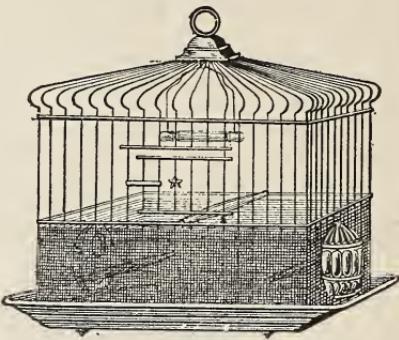
Brilliantshine Metal Polish—For cleaning brass cages. Can 25c.

BIRD CAGES AND ACCESSORIES

The superior qualities of our Cages will please the most critical. We stock a selection embracing the following varieties: Canary, Linnet, Parrot, Paroquets, Finches and Breeding Cages. We can furnish your requirements on short notice.

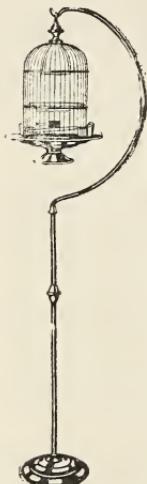


The above cages are enameled all white, furnished with white opal cups.

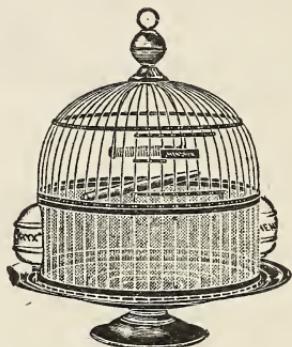


The above cages are all brass with brass guard, with white opal caps.

	Each	Each
No. 170—9 x6 inches.....	\$2.00	
No. 171—9½ x6½ inches.....	2.25	
No. 172—10 x7 inches.....	2.50	
No. 173—10½ x7½ inches.....	2.75	
No. 174—11 x8 inches.....	3.00	
No. 175—11¾ x8¾ inches.....	3.25	
		\$6.25
No. 2470—9 x6 inches.....		6.50
No. 2471—9½ x6½ inches.....		6.75
No. 2472—10⅓ x7⅓ inches.....		7.00
No. 2473—10¾ x7¾ inches.....		



No. 18-A
"HENDRYX"



Dome Cages

The above cages are all brass with brass guard, with white opal cups.

Each
No. 224—10¼ inches diameter.....
No. 225—11 inches diameter.....
No. 226—11¾ inches diameter.....



No. 19-A
"HENDRYX"

"Hendryx" polished brass No. 18, \$5.00; dull finish No. 18, \$5.50; gun metal No. 18, \$6.00.

Floor Stands, polished brass No. 19, \$6.00; dull finish No. 19, \$6.00; gun metal No. 19, \$6.00.

GOLD FISH

Did you ever own a globe or aquarium? You admire them, no doubt, for their pretty, exquisite coloring and graceful movements. If you have never kept fish you cannot realize how interesting they are after you become familiar with them. There is very little trouble in keeping gold and other ornamental fish in a good, healthy condition. All that is required is to take a little time and absorb general instructions concerning the management of a balanced aquarium.

The Globe or Tank

Some prefer for small living rooms a bowl, others tanks. Either will answer, providing the area is enough. Experience has proved that approximately one inch of fish to every gallon of water is the quota. In an ordinary fish globe you should not keep more than one or two small goldfish. After cleaning your globe or tank which should be filled with clear cold water. Never use hot water or soap, as this is liable to contaminate the water and kill the fish.

Water plays an important part in the health of fish. The best water to use is city or lake; well water will answer if it is pure. (Don't use sulphur or lime water.) Boiled or distilled water contains no oxygen and should not be used. Cold water contains too much oxygen. In the winter let the water stand in a warm room until the chill is off, otherwise cold water starts a fungus growth which is fatal to fish. Temperature should run between 50 and 70 degrees Fahrenheit. Light is an important thing for the right functioning of an aquarium. See that the globe or tank can get plenty of bright white light all the time, and a little sun for an hour of the day will be helpful.

Feeding

Feeding: Most people overfeed. Care must be taken that the fish do not get more than they can consume in about five minutes and never feed more than this. The uneaten food decays and poisons the water, with death as result. It is well enough to feed once a day. It is better to underfeed than overfeed.

We handle only American fish. Prices 20c each and up, according to size.

GOLD FISH AND ACCESSORIES

Improved Wafer Fish

Food—A highly nutritious preparation which is readily eaten by gold fish. 10c per box.

White Sand or Gravel

—Absolutely clean, is very beneficial for aquarium, bird cages, etc. 2-pound pkg., 10c.

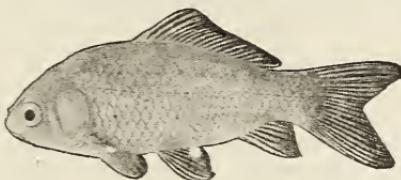
Fish Nets

—For handling gold fish without danger of injury to them. Medium size, 25c each.

Spratt's Zeke

—For all kinds of aquarium and other fish, also a great treat and delicacy for cage birds, etc. Price 15c.

Burnett's Natural Fish Food—The food that fish thrive on. Strew a small quantity on the surface of the water. Do not feed more than the fish will eat at a time. Price 15c.



CASTLE

We keep an assortment of Glass Fish Globes varying in price. 25c and up. Tanks, \$3.50 up.

Fish Green — For globes and tanks. Price 15c bunch.

Ground Shrimp—This is a new fish food; takes the place of worms. Price 10c.

Castle—For embellishing fish bowls and tanks, from 20c to 3.00.

Shell—For globes, 15c and 20c dozen; large shells, 25c up.

Star Fish Coral, etc., 25c to \$2.00.

White Sand—For bottom of globe tanks. Price per pound, 5c.

PET STOCK

DOGS

Choosing the right dog! What does this mean, and how can it be assured? It means a dog that bears good health and good breeding. No one would knowingly select a dog or any other animal that is ill, lacking in stamina or otherwise in anything but a normal state of health, which situation immediately suggests a dog that is country bred. Then there are age and sex; now and then a mature dog may prove the choice, because he is house-trained and settled in deportment. But generally a puppy two to four months old will have the preference, as they can be brought up as you wish. In regard to sex, male dogs are more independent and masculine in character than female, while the latter are inclined to greater docility and greater freedom from other dogs. In intelligence the two sexes are on about par. As to price, a female is almost always less expensive. Whatever the age or sex of the dog you select, let him be well bred, not necessarily a blue-ribbon winner, unless you are ambitious to enter the show game. The choice of a breed is a personal matter. For example, the larger active breeds are adapted to the country or suburban homes, where they can have free exercise and fresh air. In the city the smaller kinds are more fitting, less space, less dog. Each of the fifty or more standard breeds have its individual traits which distinguish it from the others. Feed him stale bread and milk, well cooked vegetables, puppy or dog biscuits, a little lean meat, a good, heavy bone to gnaw on at least once a week. Avoid poultry bones and potatoes in any form. Your personal questions of matters pertaining to dog care, etc., will have our attention. For accessories see following pages.

DOGS

We carry in stock or can procure on short notice the following varieties of dogs:

Boston Terriers	Scotch Terriers	Airedale Terriers
French Terriers	Fox Terriers (Wire Hair)	English Bull
Irish Terriers	Fox Terriers	English Pit Bull
English Bull Terriers	(Smooth Coated)	American Pit Bull
Collie, Shepherd, German Shepherd (or Police), Dachshound, Russian Wolf Hound, Poodle, Pomeranian; Dogs and Puppies.	Prices on application.	

DOG ACCESSORIES

Blankets	Chains	Leads	Sweaters	Couplers
Brushes	Combs	Locks	Traveling Bags	French Snaps
Collars	Harness	Muzzles	Whips	Bull Dog Grips

DOG REMEDIES

We maintain an efficient, well equipped dog and cat department carrying a full line of remedies. This department is under the supervision of an expert who can give you authentic information on the feeding and the care of dogs and cats. We want our patrons to feel at liberty to ask for information.

Clayton's Blood Pills—For all blood diseases these pills will be found particularly beneficial and a very reliable remedy for all impure conditions of the blood caused by overheating, mange, surfeit, erythema, abscess and ulcerations. Price 60c.

Clayton's Canker Lotion—For disease of the ear, a reliable remedy for internal and external cankers, deafness, etc. Price 60c.

Clayton's Cough Remedy—For coughs, colds, soreness of the throat and air passages. Price 60c.

Clayton's Tape Worm Expeller—For tape worms. Price 60c.

Clayton's Mange Remedy—For many kinds of skin diseases, ordinary mange, eczema, and extensively used for the human scalp. Price 60c.

Clayton's Puppy Tonic—Is an excellent remedy for puppies, to make them thrive and grow strong and healthy. Price 60c.

Clayton's Worm Pills—For intestinal parasites. Price 60c.

Clayton's Rheumatic Remedy—For all forms of rheumatism. Price 60c.

Clayton's Sulphur Tablets—Are a combination of sulphur and other remedies that scientific research has proven thoroughly compatible. Price 60c.

DOG REMEDIES AND SUPPLIES

Clayton's Condition Pills—With pepsin, these pills will be found an excellent remedy for all debilitated conditions of the system. Price 60c.

Clayton's Chorea Tablets—For all cases of chorea. Price 60c.

Clayton's Distemperine—Dogs do not necessarily have to have distemper any more than people have to have the measles, but when they do contract the disease they should be treated scientifically. Price 60c.

Clayton's Diarrhoea Remedy—A reliable remedy for acute and chronic diarrhoea. Price 60c.

Clayton's Distemperine Tablets—For distemper, coughs and colds. Price 60c.

Clayton's Eye Lotion—For diseases of the eye. Price 60c.

Clayton's Kill Flea Powder—To rid cats, dogs, birds and many other domestic animals of fleas and lice, some ticks and other vermin on beds and bedding and in kennels, etc. Price 35c.

Clayton's Laxative Pills—Are to regulate the liver and will be found very effective in cases of dropsy, jaundice and chronic constipation; very common in house pets. Price 60c.

Goitre Remedy—To relieve enlarged glands of the neck, goitre.....\$1.00

PUPPY AND DOG FOODS

SPRATT'S DOG FOODS

"Spratt's" Puppy Biscuits—A perfect and whole food for puppies of all breeds. Puppies should be started on these biscuits when about one month old, and they should be continued until such time as their teeth become large and strong; usually when they are about six months old. Follow directions on each package. Cartons, 45c; for larger quantities ask for prices.

Spratt's Charcoal Biscuits—These biscuits are quite easily edible. The charcoal absorbs impure gases in stomach and intestines and acts as a corrective of internal ailments, fetid breath, etc. A few charcoal biscuits given regularly each week will be found an excellent safeguard against canine ills. Bags, 100 lbs., \$12.75; 50 lbs., \$6.45; 25 lbs., \$3.25; 10 lbs.,

Clayton's Vermifuge—For worms in dogs of all ages and can be given to puppies when they are ten days old. Price 60c.

Clayton's Shampoo—For washing dogs, is without question the most beautiful preparation for washing dogs on the market, as its lather cleanses the skin and should be used to destroy that doggy odor so objectionable to dogs kept in the house. Price 25c.

Clayton's Kill Flea Dog Soap—Death to fleas, keeps the skin clean and healthy, improves the coat, will not injure the dog in any manner, contains no mercury or carbolic acid, and yet kills the fleas. Price 25c.

Clayton's Ceoline Wash—Is death to fleas, lice and many kinds of ticks, an excellent disinfectant, deodorizer and germicide. Price 35c.

Clayton's Cream Dog Soap—Can be used on the most delicate skin with perfect safety. Price 25c.

Skin Lotion—For many kinds of skin disease, ordinary mange, eczema, particularly adapted for toy and pet dogs. Price 60c.

Clayton's Red Worm Bullets—For expelling worms in toy dogs and toy puppies from five weeks old up. Price 60c.

\$1.55; 5 lbs., 85c; Cartons 20c, 40c and 75c.

"Spratt's" Fibo—A splendid food for dogs that are "off their feed," or "shy feeders," or those recovering from sickness. Good as a change of food at any time for all dogs. Cartons 45c.

"Spratt's" Ovals—The Pocket Dog Biscuit—A small meat fibrine dog biscuit, suitable as a staple diet for small dogs and toys, and to be carried in the pocket as an occasional snack when on a ramble with the dog. Bulk, 2 lbs., 35c.

"Spratt's" Dog Cakes—Composed of meat, wheat and vegetables. The standard food for dogs. A staple and constant food for all breeds. Used at leading kennels and dog shows throughout the world. 20c lb., 2 lbs., 35c.

"Spratt's" Cod Liver Oil Biscuits—Are invaluable for old or delicate dogs. Cod Liver Oil builds up a dog as well as a human being. **Cartons 45c.**

"Spratt's" Kibbled Dog Cakes—These are the regular dog cakes, only broken. **20c lb.; 2 lbs. 35c; 10-lb. sack \$1.60.**

SPRATT'S CAT FOODS

"Spratt's" Cat Food—A complete food for cats. Used at the leading catteries throughout the world and daily becoming more popular. **Cartons 30c.**

"Spratt's" Fish Cat Food—Use this as a change of diet, especially during the summer months. **Prices same as regular Cat Food. Cartons 30c.**

GLOVER'S IMPERIAL DOG REMEDIES

Cough Mixture—For Coughs, Colds, Asthma, Bronchitis, etc. **Price 65c a bottle.**

Condition Pills—Contain alterative, digestive, tonic and fever subduing properties. **Price 65c a box.**

Tape-Worm Capsules—Specially prepared for the eradication of tape-worm. **Price 65c a box.**

Mange Medicine—Is a harmless and valuable medicine for all skin diseases on animals; is instant death to fleas and vermin, and improves the growth of hair. **For Scratches on Horses or Bad Sores** of any kind, it is unequalled; strictly non-poisonous. Not recommended for cats. **Price 65c a bottle.**

Vermifuge—Is a safe and certain destroyer of stomach worms in dogs. **Price 65c bottle.**

Worm Capsules—Contain all the active principles of the Vermifuge. **Price, 65c a box.**

Diarrhoea Medicine—For acute or chronic diarrhoea and all bowel complaints. **Price 65c a bottle.**

Distemper Medicine—Is a safe and reliable medicine for Distemper; subdues the fever at once, regulates the stomach, keeping up the appetite and general strength. A splendid thing for fever arising from any cause. **Price. \$1.25 a bottle.**

Kennel and Stable Soap—Contains in a modified form all the medicinal properties of the Mange Medicine, compounded with the finest Palm and Olive Oils, making a soap equal in quality to any toilet soap. It contains no potash or carbolic acid, both of which are injurious to the coat, burning up the natural oil, and in time rendering the skin dry and the coat harsh. **Glover's Kennel and Stable Soap** is especially recommended for keeping the skin and coat in a healthy condition, and is particularly good for any humor, irritation or sores. It is largely used for skin and scalp troubles in human beings. **Price 30c a cake.**

CLAYTON'S CAT REMEDIES

Blood Purifying and Cooling Tablets—For all blood diseases, mange, eczema, etc. **Price 60c.**

Cat-Tonic Catnip Condition Tablets—For all run-down condition of the system. **60c.**

Cat Wash and Disinfectant—Kills fleas and a disinfectant. **25c.**

Cat Laxative Tablets—Acts directly on the liver, keeps the bowels in good condition. **60c.**

Cat Worm Tablets—Will expel worms. **Price 60c.**

Cat Mouth Wash—For all ulcerated conditions of the mouth. **60c.**

Cat Vermifuge Tablets (Liquid)—For very young kittens and grown cats. **Expels worms. 60c.**

Cat Distemperine Tablets—For distemper. You need not fear distemper when you have this remedy. **60c.**

Cat Cough Remedy—For cough. **60c.**

Cat Diarrhoea Tablets. **60c.**

Cat Digestive Tablets—For all stomach disorders, vomiting, etc. **60c.**

Cat Fit Remedy—For fits. **60c.**

Catnip Mice—**15c.**

Catnip Balls—**15c.**

Catnip—Dried, **15c.**

Ken-L-Ration and Hemo Ration—In cans. **20c each; 2 for 35c.**

ALBER'S MILLING CO.

Husky Dog Feed, 50 lbs., \$2.75; 3 lbs., 25c.

BENNETT DOG FOOD

Bennett's Milk-Bone Foods—Are a standard preparation and in use by some of the largest kennels in the country with the utmost satisfaction. It is made on an entirely different principle from other food for dogs; it is a complete, easily digested, perfectly balanced, appetizing food; it is equally suitable for all breeds. Dogs do not tire of Milk-Bone Dog and Puppy Foods.

Milk-Bone Puppy Food—Cartons only 45c.

Milk-Bone Dog Food—Cartons only. 45c.

KEN-L-RATION

The Dog Food Supreme—A wonderfully balanced ration. Ready to serve. The ingredients in this dog food contain properties so very essential for the growth and development of the dog, cat and wild carnivora. Net Wt., 16 oz.; Each, 20c; 2 for 35c; 3 for 50c.

MILLER'S A-1 DOG RATIONS

Miller's A-1 Ration can be fed alone or mixed with Table Scraps, Ground Meat, Bones, thoroughly cooked Fish, Soups, Broths, Vegetables or Milk. No hard or fast rules can apply on the amount required. Place before your dog a liberal amount of Miller's A-1 Ration, let him eat all he can until he nibbles and plays, then take it away until his next meal time, and in a few days you can ascertain the amount required to keep him in the pink of condition. Pound 15c; 2 lbs. 25c; 5 lbs. 60c; 10 lbs. \$1.20; 25 lbs. \$2.95; 50 lbs. \$5.75; 100 lbs. \$11.00.

CHAMPION PUPPY BISCUITS

A complete and perfect food for puppies from weaning time on. 1 lb., 20c; 2 lbs., 35c.

CHAMPION DOG BISCUIT

A Standard dog food used by the leading breeders. The very best results are obtainable by giving the biscuits dry, thereby compelling the dog to gnaw the food and mixing well with saliva, aiding digestion. 1 lb., 20c; 2 lbs., 35c.

TROWELS AND HAND WEEDERS

No. D St. Trowel—Solid Socket cast steel blade and socket; wood handle. Each, \$1.00.

No. 80. Garden Trowel—One-piece steel 6-inch blade, smooth handle. Each. 25c.

No. 81. Transplanting Trowel—One-piece steel, 6-inch by 1 $\frac{3}{4}$ inch wide, smooth handle. Each. 25c.

No. 85. Galvanized Trowel—Made from heavy galvanized steel; one piece. Each. 10c.

Eureka Weeder Hook—High grade steel hardwood handle. Each 40c.

No. 82. Steel Garden Weeder—Made from one piece of steel; has five strong pointed fingers. Each, 25c.

No. 87. Steel Hand Weeder—One piece hard stiff steel edges, ground Each. 20c.

No. 56. Norcross Cultivator—Five detachable blades. Each, \$1.25.

Trap—Out O'Sight Mole Trap for moles. Each. \$1.25.

CHARTERS INCUBATOR

The Incubator that Remembers,

Even if You Forget"

1926-1927 PRICE LIST

Charters Incubator

F. O. B. Seattle, Washington

		Combination	
		Oil or Electric	Electric and Oil
540-Egg Size	.....	\$83.00	\$95.00
405-Egg Size	.....	70.00	85.00
270-Egg Size	.....	59.00	75.00
135-Egg Size	.....	49.00	65.00

7 Big Reasons why you need the Charters:

- 1—Trim the wick once a week only.
- 2—Fill the lamp once a week only.
- 3—Outside Thermostat takes care of outside changes of temperature.
- 4—Special Process for Retaining Moisture.
- 5—Regulator adjusted two or three times only during hatch.
- 6—Charters Burner and big tank reduce the fire risk.
- 7—Flame control reduces oil consumption.

Lyons Improved Electric Brooders

F. O. B. Seattle, Washington

500 Size, 68-inch Canopy.....	\$47.00
350 Size, 56-inch Canopy.....	37.00
200 Size, 42-inch Canopy.....	26.50
100 Size, 30-inch Canopy.....	21.50

Over 1500 Charters Placed in Oregon and Washington

EVERY ONE A SUCCESS

RAT SCENT

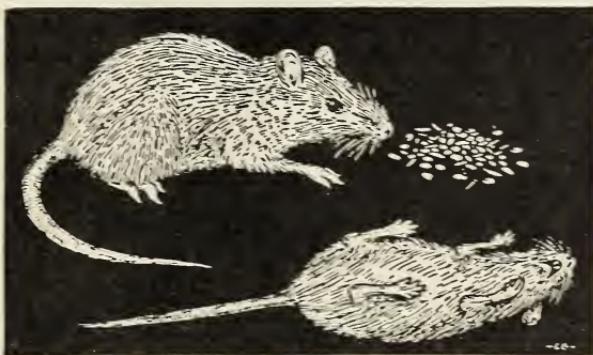
EXPLANATION

RAT-SCENT is a specially prepared poisoned combination of California grains, sun-dried and scented.

The scent attracts and draws rats and mice to the bait and the grain is blended to make it agreeable to their taste; in fact, they will eat it in preference to any other food.

RAT-SCENT attracts rats and mice as fish attracts cats and RAT-SCENT is the only preparation known that carries this scent and taste that rats and mice like.

Price 35c, 50c, \$1.00 and up



The New Method of Poisoning

Gophers and Squirrels

EXPLANATION

Five years ago people in Southern California were holding mass meetings on golfer control. Gopher-Scent was placed on the market at that time to meet the emergency. It proved its effectiveness beyond the hopes of every one concerned and thousands of boxes are being sold each year in California and through its merits it has spread to all gopher-infested States of the West.

Gopher-Scent is a specially prepared poisoned combination of California grains, sun-dried and scented. The Scent attracts and draws gophers and squirrels to the bait and the grain carries a perfect blend which makes it agreeable to the taste; in fact, gophers and squirrels will eat it in preference to any other food.

Price 35c, 50c, \$1.00 and up

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ORDER SHEET
JACOB KAUFMANN CO.

SEATTLE,
WASH.

Write Your Address Plainly

IN THE BLANKS BELOW. Also keep your order separate from other matters you may wish to write about.

DO NOT USE
THIS SPACE

Name _____

Very Plainly

Post office..... R. F. D. No.

...R. F. D. No.

Station.....

County _____ State _____

Date..... Amt. Inclosed \$.....

Forwarded by.....

State it wanted by Mail, Express, Freight or Steamer

NAME OF ARTICLE

Kindly add here a few of your neighbors who buy Seeds and Plants, and we will forward them our Catalogue.

USE WILGROW FERTILIZER — Odorless

QUANTITY OF SEEDS REQUIRED

	Quantity per Acre		Quantity per Acre
Aletris	10 to 20 lbs.		
Alsike	8 to 10 lbs.		
Artemesia	1 oz. to 300 plants, 6 lbs.		
Asparagus	1 oz. to 500 plants, 1 lb.		
Barley	100 lbs.		
Beans, dwarf	1 lb. to 100 ft. of drill, 50 lbs.		
Beans, pole	1 lb. to 500 hills, 25 lbs.		
Beet, garden	1 oz. to 50 ft. of drill, 5 lbs.		
Beet, sugar or mangold	5 lbs.		
Brussels Sprouts	1 oz. to 2,000 plants, 4 oz.		
Buckwheat	8 to 12 lbs.		
Cabbage	1 oz. to 1,000 plants, 8 oz.		
Carrot	1 oz. to 125 ft. of drill, 3 lbs.		
Cauliflower	1 oz. to 3,000 plants, 4 oz.		
Celery	1 oz. to 1,500 plants, 4 oz.		
Cheat	100 lbs.		
Chicory	1 oz. to 100 ft. of drill, 4 lbs.		
Clover, White Alsike	6 to 10 lbs.		
Clover, Red, Mammoth Crimson and Bokhara	8 to 20 lbs.		
Collards	1 oz. to 2,000 plants, 4 oz.		
Corn, sweet	1 lb. to 200 hills, 15 lbs.		
Corn, field	12 to 20 lbs.		
Corn, pop	8 to 10 lbs.		
Cress	1 oz. to 150 ft. of drill, 2 lbs.		
Cucumber	1 oz. to 100 hills, 2 to 3 lbs.		
Egg Plant	1 oz. to 2,000 plants, 4 oz.		
Endive	1 oz. to 400 ft. of drill, 4 lbs.		
Emmer	100 lbs.		
Flax, for seed	30 lbs.		
Flax, for fibre	50 lbs.		
Grass, lawn, mixed	1 lb. to 250 sq. ft.		
	145 lbs.		
Grass, Kentucky Blue, Canadian Blue	40 lbs.		
Grass, Timothy	12 to 15 lbs.		
Grass, Red Top in chaff	30 to 40 lbs.		
Grass, Red Top, solid seed	10 to 12 lbs.		
Grass, Rye Grass, English and Italian	25 to 40 lbs.		
Grass, Meadow Peas	25 to 30 lbs.		
Hemp	40 to 50 lbs.		
Horse Radish Roots	10,000 to 11,000		
Kale	1 oz. to 200 ft. of drill, 1 lb.		
Kohl Rabi	1 oz. to 150 ft. of drill, 2 lbs.		
Kaffir Corn	6 to 10 lbs.		
Leek	1 oz. to 100 ft. of drill, 4 lbs.		
Lettuce	1 oz. to 100 ft. of drill, 3 lbs.		
Melon, Muskmelon	1 oz. to 50 hills, 2 to 3 lbs.		
Melon, Water	1 oz. to 50 hills, 3 to 4 lbs.		
Millet	20 to 30 lbs.		
Nasturtium	1 oz. to 50 ft. of drill, 15 lbs.		
Oats	75 to 100 lbs.		
Okra	1 oz. to 100 ft. of drill, 3 lbs.		
Onion	1 oz. to 100 ft. of drill, 4 to 5 lbs.		
Onions, for sets	30 to 50 lbs.		
Onion Sets	1 lb. to 40 ft. of drill, 400 lbs.		
Parsley	1 oz. to 100 ft. of drill, 3 lbs.		
Parsnip	1 oz. to 100 ft. of drill, 3 lbs.		
Peas, garden	1 lb. to 50 ft. of drill, 150 lbs.		
Peas, field	90 to 120 lbs.		
Pepper	1 oz. to 1,500 plants		
Potatoes	400 to 600 lbs.		
Pumpkin	1 oz. to 30 hills, 3 to 4 lbs.		
Radish	1 oz. to 100 ft. of drill, 10 lbs.		
Rape, Dwarf Essex	3 to 5 lbs.		
Rutabaga	1 oz. to 150 ft. of drill, 2 to 3 lbs.		
Rye	90 to 120 lbs.		
Salisbury	1 oz. to 50 ft. of drill, 8 lbs.		
Sorghum, in hills	20 lbs.		
Sorghum, in hills or broadcast	60 to 90 lbs.		
Spinach	1 oz. to 75 ft. of drill, 8 lbs.		
Squash, bush	1 oz. to 25 hills, 8 lbs.		
Squash, vine	1 oz. to 12 hills, 2 lbs.		
Sunflower	8 lbs.		
Tobacco	1 oz. to 3,000 plants, 3 oz.		
Tomato	1 oz. to 2,000 plants, 4 oz.		
Turnip	1 oz. to 150 ft. of drill, 2 lbs.		
Wheat	90 to 120 lbs.		

Number of Plants per Acre at Various Distances

In planting Trees the greater distance should be given in the richer soils.

Distance Apart	Method	Square	Triangular	Distance Apart	Method	Square	Triangular
1 ft. apart each way	43,560	50,300		15 ft. apart each way	193	228	
2 ft. apart each way	10,890	12,575		16 ft. apart each way	170	196	
4 ft. apart each way	2,722	3,143		20 ft. apart each way	108	125	
6 ft. apart each way	1,210	1,397	25 ft. apart each way	70	80		
9 ft. apart each way	537	620	30 ft. apart each way	48	55		
10 ft. apart each way	435	502	40 ft. apart each way	27	31		

FERTILIZERS

Do You Want Better Vegetables.
Do You Want Better Fruit?

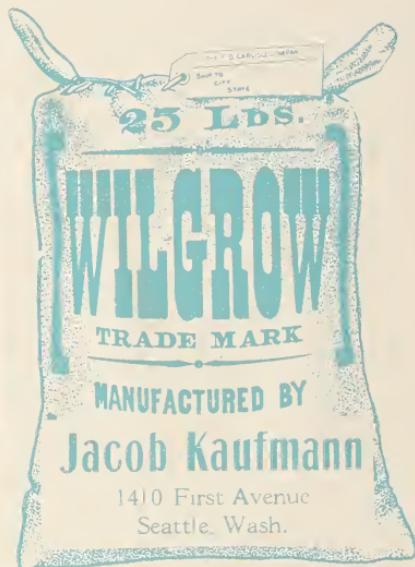
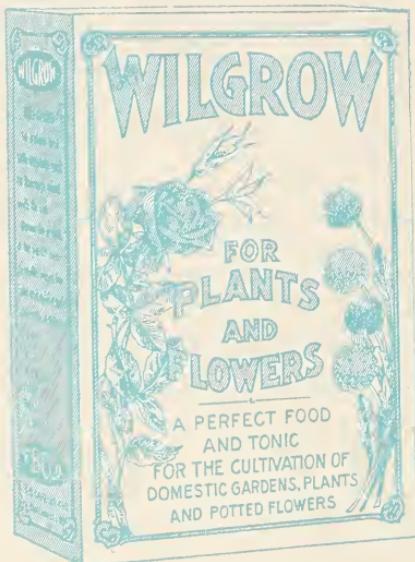
Do You Want Better Roses?
Do You Want a Velvety Lawn?

Use WILGROW Fertilizer

The Fertilizer Without
a Filler

WILGROW
ODORLESS

The Wizard of the
Fields



Use one tablespoonful to the plant or rose bush, work into the ground
Use one 25-lb. bag to 1250 square feet of lawn
Then watch results. No filler in WILGROW.

1 1/2-lb. package WILGROW	\$0.25
25-lb. bag WILGROW	\$2.00
100-lb. bag WILGROW	6.00

ANALYSIS OF WILGROW

Nitrogen	7.00 per cent
Total Phosphoric Acid	11.00 per cent
Soluble Potash	6.00 per cent